

STIC-Biotech/ChemLib

154867

From: Chan, Christina
Sent: Tuesday, May 31, 2005 8:56 AM
To: Yu, Misook; STIC-Biotech/ChemLib
Subject: RE: Rush search 09/720,469

CREE

Please rush. thanks Chris

Chris Chan

TC 1600 New Hire Training Coordinator and SPE 1644
(571)-272-0841
Remsen, 3E89

-----Original Message-----

From: Yu, Misook
Sent: Tuesday, May 31, 2005 7:29 AM
To: Chan, Christina
Subject: Rush search 09/720,469

Pls approve rush search for the case due this biweek.

Stic, pls do Interference search only for SEQ ID NOs 1, 2, 39, 40, 41, 42, 43 (all small peptides of about 9 amino acids if not call me)

Examiner Misook Yu, Ph.D.
571-272-0839 (Phone)
Art Unit 1642
REM-3A18 (Room)
REM-3C18 (Mail Box)

1-aa 9
2-aa 9
39-aa 9
40-aa 9
41-aa 9
42-aa 9
43-aa 9

my

BEST AVAILABLE COPY

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-1
Perfect score: 49
Sequence: 1 KFHRRVIKDF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100.0	126	2	US-08-482-728A-10
2	49	100.0	126	2	US-08-482-728A-11
3	49	100.0	166	4	US-09-513-999C-4171
4	49	100.0	203	4	US-10-043-142-10
5	49	100.0	203	4	US-09-806-399-10
6	49	100.0	207	4	US-10-043-142-11
7	49	100.0	207	4	US-09-806-399-11
8	49	100.0	208	1	US-08-142-897-7
9	49	100.0	208	4	US-10-043-142-12
10	49	100.0	208	4	US-09-806-399-12
11	49	100.0	208	4	US-09-538-092-994
12	49	100.0	212	4	US-09-538-092-1126
13	48	98.0	113	4	US-09-513-999C-8064
14	44	89.8	114	4	US-09-270-767-32732
15	44	89.8	114	4	US-09-270-767-47949
16	44	89.8	184	4	US-09-949-016-7506
17	44	89.8	212	1	US-08-142-897-5
18	44	89.8	212	4	US-10-043-142-5
19	44	89.8	212	4	US-09-806-399-5
20	44	89.8	246	4	US-09-248-796A-19779
21	44	89.8	274	4	US-09-107-532A-4964
22	44	89.8	371	4	US-09-538-092-548
23	44	89.8	407	4	US-09-248-796A-19586
24	43	87.8	466	4	US-09-583-110-3345
25	43	87.8	472	4	US-09-107-433-4470
26	43	87.8	754	4	US-09-976-594-375
27	43	87.8	760	4	US-09-949-016-11129

28	41	83.7	123	2	US-08-482-728A-6	Sequence 6, Appli
29	41	83.7	523	2	US-08-482-728A-19	Sequence 19, Appl
30	41	83.7	523	3	US-09-028-366-4	Sequence 4, Appli
31	41	83.7	523	4	US-09-715-285-4	Sequence 4, Appli
32	40	81.6	186	4	US-09-270-767-33956	Sequence 33956, A
33	40	81.6	186	4	US-09-270-767-49073	Sequence 49073, A
34	40	81.6	527	3	US-09-028-366-2	Sequence 2, Appli
35	40	81.6	527	3	US-09-028-366-3	Sequence 3, Appli
36	40	81.6	527	4	US-09-715-285-2	Sequence 2, Appli
37	40	81.6	527	4	US-09-715-285-3	Sequence 3, Appli
38	39	79.6	176	1	US-08-145-995A-3	Sequence 3, Appli
39	39	79.6	176	2	US-08-451-747-3	Sequence 3, Appli
40	39	79.6	176	3	US-09-134-852-3	Sequence 3, Appli
41	39	79.6	203	3	US-09-134-001C-3111	Sequence 3111, Ap
42	39	79.6	269	3	US-09-028-366-6	Sequence 6, Appli
43	39	79.6	269	4	US-09-715-285-6	Sequence 6, Appli
44	39	79.6	591	1	US-08-145-995A-21	Sequence 21, Appl
45	39	79.6	591	2	US-08-451-747-21	Sequence 21, Appl

ALIGNMENTS

RESULT 1
US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Pavan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-10

Query Match 100.0%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KFHRRVIKDF 9
|||||||

Db 35 KFHRIKDF 43

RESULT 2

US-08-482-728A-11

; Sequence 11, Application US/08482728A

; Patent No. 5968802

; GENERAL INFORMATION:

; APPLICANT: Wang, Bruce

; APPLICANT: Fisher, Joseph

; APPLICANT: Payan, Donald

; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Flehr, Hobbach, Test, Albritton

; ADDRESSEE: & Herbert

; STREET: Four Embarcadero Center, Suite 3400

; CITY: San Francisco

; STATE: California

; COUNTRY: United States

; ZIP: 94111-4187

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,728A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Silva, Robin M.

; REGISTRATION NUMBER: 38,304

; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 781-1989

; TELEFAX: (415) 398-3249

; TELEX: 910 277299

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 126 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

US-08-482-728A-11

Query Match 100.0%; Score 49; DB 2; Length 126;

Best Local Similarity 100.0%; Pred. No. 0.06;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9

Db 35 KFHRIKDF 43

RESULT 3

US-09-513-999C-4171

; Sequence 4171, Application US/09513999C

; Patent No. 6783961

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert, A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6783961

; FILE REFERENCE: 59.US2.REG

; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26

; NUMBER OF SEQ ID NOS: 36681

; SOFTWARE: Patent.pm

; SEQ ID NO 4171

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -33..-1

; OTHER INFORMATION: score 9.9

; OTHER INFORMATION: seq SVFFLLLPGPSAA/DE

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 116

; OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 126

; OTHER INFORMATION: Xaa= * or Ser

US-09-513-999C-4171

Query Match 100.0%; Score 49; DB 4; Length 166;

Best Local Similarity 100.0%; Pred. No. 0.078;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9

Db 92 KFHRIKDF 100

RESULT 4

US-10-043-142-10

; Sequence 10, Application US/10043142

; Patent No. 6607904

; GENERAL INFORMATION:

; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.

; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES

; FILE REFERENCE: 078883/0128

; CURRENT APPLICATION NUMBER: US/10/043,142

; CURRENT FILING DATE: 2002-01-14

; PRIOR APPLICATION NUMBER: 09/806,399

; PRIOR FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669

; PRIOR FILING DATE: 1999-09-30

; PRIOR APPLICATION NUMBER: GB 9821198.0

; PRIOR FILING DATE: 1998-09-30

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 10

; LENGTH: 203

; TYPE: PRT

; ORGANISM: Orpinomyces sp.

US-10-043-142-10

Query Match 100.0%; Score 49; DB 4; Length 203;

Best Local Similarity 100.0%; Pred. No. 0.094;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9

Db 78 KFHRIKDF 86

RESULT 5

US-09-806-399-10

; Sequence 10, Application US/09806399

; Patent No. 6638737

; GENERAL INFORMATION:

; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.

; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES

; FILE REFERENCE: 078883/0128

; CURRENT APPLICATION NUMBER: US/09/806,399

; CURRENT FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-09-806-399-10

Query Match 100.0%; Score 49; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.094;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9
| | | | |
Db 78 KFHVRVIXDF 86

RESULT 6
US-10-043-142-11
; Sequence 11, Application US/100431142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 100.0%; Score 49; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9
| | | | |
Db 83 KFHVRVIXDF 91

RESULT 7
US-09-806-399-11
; Sequence 11, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11

; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

Query Match 100.0%; Score 49; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9
| | | | |
Db 83 KFHVRVIXDF 91

RESULT 8
US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-7

Query Match 100.0%; Score 49; DB 1; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9
| | | | |
Db 84 KFHVRVIXDF 92

RESULT 9
US-10-043-142-12

; Sequence 12, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKK, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 100.0%; Score 49; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRRVIKDF 9
| | | | |
Db 84 KFHRRVIKDF 92

RESULT 10

US-09-806-399-12
; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKK, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-806-399-12

Query Match 100.0%; Score 49; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRRVIKDF 9
| | | | |
Db 84 KFHRRVIKDF 92

RESULT 11

US-09-538-092-994
; Sequence 994, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542

; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 994
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match 100.0%; Score 49; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.096;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRRVIKDF 9
| | | | |
Db 84 KFHRRVIKDF 92

RESULT 12

US-09-538-092-1126
; Sequence 1126, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 1126
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P45877
US-09-538-092-1126

Query Match 100.0%; Score 49; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.098;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRRVIKDF 9
| | | | |
Db 86 KFHRRVIKDF 94

RESULT 13

US-09-513-999C-8064
; Sequence 8064, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961

; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 8064
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 36
; OTHER INFORMATION: Xaa=Cys or Ser
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 51
; OTHER INFORMATION: Xaa=Pro or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 108
; OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match 98.0%; Score 48; DB 4; Length 113;
Best Local Similarity 88.9%; Pred. No. 0.083;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
Db 52 KFHRIKDF 60

RESULT 14

US-09-270-767-32732
; Sequence 32732, Application US/09270767
; Patent No. 6703491

; GENERAL INFORMATION:
; APPLICANT: Homburger et al.

; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17

; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32732

; LENGTH: 114
; TYPE: PRT

; ORGANISM: Drosophila melanogaster
; FEATURE:

; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-32732

Query Match 89.8%; Score 44; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.46;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 84 FHRVIKDF 91

RESULT 15

US-09-270-767-47949
; Sequence 47949, Application US/09270767
; Patent No. 6703491

; GENERAL INFORMATION:
; APPLICANT: Homburger et al.

; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17

; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47949
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-47949

Query Match 89.8%; Score 44; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.46;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 84 FHRVIKDF 91

RESULT 16

US-09-949-016-7506
; Sequence 7506, Application US/09949016
; Patent No. 6812339

; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14

; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768

; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7506

; LENGTH: 184
; TYPE: PRT

; ORGANISM: Human
US-09-949-016-7506

Query Match 89.8%; Score 44; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 72 FHRVIKDF 79

RESULT 17

US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852

; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.

; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses

; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000

; CITY: San Francisco
; STATE: California

; COUNTRY: USA
; ZIP: 94105

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

;
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 212 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-5

Query Match 89.8%; Score 44; DB 1; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.84;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 87 FHRVIKDF 94

RESULT 18
US-10-043-142-5
; Sequence 5, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match 89.8%; Score 44; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.84;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 84 FHRVIKDF 91

RESULT 19
US-09-806-399-5
; Sequence 5, Application US/09806399

; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-806-399-5

Query Match 89.8%; Score 44; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.84;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 84 FHRVIKDF 91

RESULT 20
US-09-248-796A-19779
; Sequence 19779, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19779
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19779

Query Match 89.8%; Score 44; DB 4; Length 246;
Best Local Similarity 100.0%; Pred. No. 0.96;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 120 FHRVIKDF 127

RESULT 21
US-09-107-532A-4964
; Sequence 4964, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham

STATE: Massachusetts
COUNTRY: USA
ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 4964:
SEQUENCE CHARACTERISTICS:
LENGTH: 274 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
FEATURE:
NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...274
SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
US-09-107-532A-4964

Query Match 89.8%; Score 44; DB 4; Length 274;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 132 FHRVIKDF 139

RESULT 22
US-09-538-092-548
; Sequence 548, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 548
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YLR216C
US-09-538-092-548

Query Match 89.8%; Score 44; DB 4; Length 371;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 62 FHRVIKDF 69

RESULT 23

US-09-248-796A-19586
; Sequence 19586, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19586
; LENGTH: 407
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match 89.8%; Score 44; DB 4; Length 407;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 99 FHRVIKDF 106

RESULT 24

US-09-583-110-3345
; Sequence 3345, Application US/09583110
; Patent No. 6699703
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al.
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: PATH00-07A
; CURRENT APPLICATION NUMBER: US/09/583,110
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5322
; SEQ ID NO 3345
; LENGTH: 466
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-09-583-110-3345

Query Match 87.8%; Score 43; DB 4; Length 466;
Best Local Similarity 87.5%; Pred. No. 2.7;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
|||
Db 325 FHRVIKDF 332

```
RESULT 25
US-09-107-433-4470
; Sequence 4470, Application US/09107433
; Patent No. 6800744
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE FOR DIAGNO
; THERAPEUTICS
; NUMBER OF SEQUENCES: 5206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: <Unknown>
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: <Unknown>
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,433
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/ 085131
; FILING DATE: May 12, 1998
; APPLICATION NUMBER: 60/051553
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...472
; SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
;
US-09-107-433-4470
Query Match 87.8%; Score 43; DB 4; Length 472;
Best Local Similarity 87.5%; Pred. No. 2.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 331 FHRVIKDF 338

RESULT 26
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
```

```
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 375
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
US-09-976-594-375
Query Match 87.8%; Score 43; DB 4; Length 754;
Best Local Similarity 87.5%; Pred. No. 4.3;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 65 FHRVIKDF 72

RESULT 27
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11129
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Human
; US-09-949-016-11129
Query Match 87.8%; Score 43; DB 4; Length 760;
Best Local Similarity 87.5%; Pred. No. 4.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 71 FHRVIKDF 78

RESULT 28
US-08-482-728A-6
; Sequence 6, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
```

; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-6

Query Match 83.7%; Score 41; DB 2; Length 123;
Best Local Similarity 77.8%; Pred. No. 1.8;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | | : | |
Db 32 KFHRIKDF 40

RESULT 29
US-08-482-728A-19
; Sequence 19, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 523 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-19

Query Match 83.7%; Score 41; DB 2; Length 523;
Best Local Similarity 77.8%; Pred. No. 7.2;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | | : | |
Db 320 KFHRIKDF 328

RESULT 30
US-09-028-366-4
; Sequence 4, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 523 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-028-366-4

Query Match 83.7%; Score 41; DB 3; Length 523;
Best Local Similarity 77.8%; Pred. No. 7.2;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | | : | |
Db 320 KFHRIKDF 328

RESULT 31


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; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 527 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
;
US-09-028-366-2

Query Match      81.6%; Score 40; DB 3; Length 527;
Best Local Similarity 66.7%; Pred. No. 11;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 KHRVIKDF 9
Db      321 KFHRIIRNF 329

RESULT 35
US-09-028-366-3
; Sequence 3, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 527 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
;
US-09-028-366-3

Query Match      81.6%; Score 40; DB 3; Length 527;
Best Local Similarity 66.7%; Pred. No. 11;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 KHRVIKDF 9
```

```
Db      321 KFHRIIRNF 329

RESULT 36
US-09-715-285-2
; Sequence 2, Application US/09715285
; Patent No. 6649395
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/715,285
; FILING DATE: 17-No. 6649395-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/028,366
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 527 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
;
US-09-715-285-2

Query Match      81.6%; Score 40; DB 4; Length 527;
Best Local Similarity 66.7%; Pred. No. 11;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 KHRVIKDF 9
Db      321 KFHRIIRNF 329

RESULT 37
US-09-715-285-3
; Sequence 3, Application US/09715285
; Patent No. 6649395
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
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;;
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: New England Biolabs, Inc.
;; STREET: 32 Tozer Road
;; CITY: Beverly
;; STATE: MA
;; COUNTRY: US
;; ZIP: 01915
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSEQ Version 2.0
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/715,285
;; FILING DATE: 17-No. 6649395-2000
;; CLASSIFICATION: <Unknown>
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/028,366
;; FILING DATE: <Unknown>
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Gregory D
;; REGISTRATION NUMBER: 30901
;; REFERENCE/DOCKET NUMBER: NEB-133
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 978-927-5054
;; TELEFAX: 978-927-1705
;; TELEX: <Unknown>
;;
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 527 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; MOLECULE TYPE: protein
;; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
;;
US-09-715-285-3

Query Match 81.6%; Score 40; DB 4; Length 527;
Best Local Similarity 66.7%; Pred. No. 11;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHVRVVKDF 9
Db 321 KFHRIIRNF 329

RESULT 38
US-08-145-995A-3
; Sequence 3, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435

;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: RESNICK, DAVID S.
;; REGISTRATION NUMBER: 34235
;; REFERENCE/DOCKET NUMBER: 43406
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 523-3400
;; TELEFAX: (617) 523-6440
;; TELEX: 200291 STRE UR
;; INFORMATION FOR SEQ ID NO: 3:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 176 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: unknown
;; MOLECULE TYPE: protein
;;
US-08-145-995A-3

Query Match 79.6%; Score 39; DB 1; Length 176;
Best Local Similarity 87.5%; Pred. No. 6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIKDF 9
Db 64 FHRVIKNF 71

RESULT 39
US-08-451-747-3
; Sequence 3, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
;
US-08-451-747-3

Query Match 79.6%; Score 39; DB 2; Length 176;
Best Local Similarity 87.5%; Pred. No. 6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 64 FHRVIKNF 71

RESULT 40
US-09-134-852-3
; Sequence 3, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-3

Query Match 79.6%; Score 39; DB 3; Length 176;
Best Local Similarity 87.5%; Pred. No. 6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIKDF 9
Db 64 FHRVIKNF 71

Search completed: May 31, 2005, 12:32:02
Job time : 21.4286 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-1
Perfect score: 49
Sequence: 1 KFHRIKDF 9

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Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

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- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	49	100.0	9	15	US-10-447-161-84
2	49	100.0	9	16	Sequence 84, Appli
3	49	100.0	64	9	US-10-788-016-1
4	49	100.0	203	13	US-09-990-747-17
5	49	100.0	207	13	Sequence 10, Appli
6	49	100.0	208	13	Sequence 11, Appli
7	49	100.0	208	13	Sequence 12, Appli
8	49	100.0	210	14	US-10-043-142-10
9	49	100.0	291	9	US-10-043-142-11
10	49	100.0	291	15	US-10-043-142-12
11	48	98.0	165	15	US-10-043-142-11
12	48	98.0	166	14	US-10-043-142-12
13	48	98.0	166	14	US-10-043-142-12
					Sequence 2441, Ap
					Sequence 82, Appli
					Sequence 1323, Ap
					Sequence 2974, Ap
					Sequence 209631,
					Sequence 8, Appli
					Sequence 8, Appli

14	48	98.0	166	14	US-10-121-049-8	Sequence 8, Appli
15	48	98.0	166	14	US-10-123-904-8	Sequence 8, Appli
16	48	98.0	166	14	US-10-140-470-8	Sequence 8, Appli
17	48	98.0	166	14	US-10-175-746-8	Sequence 8, Appli
18	48	98.0	166	14	US-10-176-918-8	Sequence 8, Appli
19	48	98.0	166	14	US-10-176-921-8	Sequence 8, Appli
20	48	98.0	166	14	US-10-137-865-8	Sequence 8, Appli
21	48	98.0	166	14	US-10-140-474-8	Sequence 8, Appli
22	48	98.0	166	14	US-10-142-431-8	Sequence 8, Appli
23	48	98.0	166	14	US-10-143-114-8	Sequence 8, Appli
24	48	98.0	166	14	US-10-142-419-8	Sequence 8, Appli
25	48	98.0	166	14	US-10-123-262-8	Sequence 8, Appli
26	48	98.0	166	14	US-10-142-423-8	Sequence 8, Appli
27	48	98.0	166	14	US-10-121-050-8	Sequence 8, Appli
28	48	98.0	166	14	US-10-141-755-8	Sequence 8, Appli
29	48	98.0	166	14	US-10-143-032-8	Sequence 8, Appli
30	48	98.0	166	14	US-10-123-108-8	Sequence 8, Appli
31	48	98.0	166	14	US-10-123-236-8	Sequence 8, Appli
32	48	98.0	166	14	US-10-123-261-8	Sequence 8, Appli
33	48	98.0	166	14	US-10-140-921-8	Sequence 8, Appli
34	48	98.0	166	14	US-10-140-928-8	Sequence 8, Appli
35	48	98.0	166	14	US-10-121-045-8	Sequence 8, Appli
36	48	98.0	166	14	US-10-123-292-8	Sequence 8, Appli
37	48	98.0	166	14	US-10-123-903-8	Sequence 8, Appli
38	48	98.0	166	14	US-10-124-819-8	Sequence 8, Appli
39	48	98.0	166	14	US-10-124-822-8	Sequence 8, Appli
40	48	98.0	166	14	US-10-140-925-8	Sequence 8, Appli
41	48	98.0	166	14	US-10-160-498-8	Sequence 8, Appli
42	48	98.0	166	14	US-10-124-824-8	Sequence 8, Appli
43	48	98.0	166	14	US-10-127-825A-8	Sequence 8, Appli
44	48	98.0	166	14	US-10-127-829A-8	Sequence 8, Appli
45	48	98.0	166	14	US-10-127-835A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-10-447-161-84
; Sequence 84, Application US/10447161
; Publication No. US20040023314A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
; FILE REFERENCE: HO-P02484US1
; CURRENT APPLICATION NUMBER: US/10/447,161
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,530
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-447-161-84

Query Match 100.0%; Score 49; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KFHRIKDF 9
Db 1 KFHRIKDF 9

RESULT 2
US-10-788-016-1
; Sequence 1, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:

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; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 84th residue
; OTHER INFORMATION: to the 92nd residue of cyclophilin B
US-10-788-016-1

Query Match 100.0%; Score 49; DB 16; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9
Db 1 KFHRRVIKDF 9

RESULT 3
US-09-990-747-17
; Sequence 17, Application US/09990747
; Publication No. US20020081688A1
; GENERAL INFORMATION:
; APPLICANT: Kamb et al.
; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
; FILE REFERENCE: 29345/36934A
; CURRENT APPLICATION NUMBER: US/09/990,747
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: US 60/249,468
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 08/812,994
; PRIOR FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-990-747-17

Query Match 100.0%; Score 49; DB 9; Length 64;
Best Local Similarity 100.0%; Pred. No. 0.061;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9
Db 24 KFHRRVIKDF 32

RESULT 4
US-10-043-142-10
; Sequence 10, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 2002-03-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match 100.0%; Score 49; DB 13; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.2;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9
Db 78 KFHRRVIKDF 86

RESULT 5
US-10-043-142-11
; Sequence 11, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 100.0%; Score 49; DB 13; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9
Db 83 KFHRRVIKDF 91

RESULT 6
US-10-043-142-12
; Sequence 12, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 100.0%; Score 49; DB 13; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIKDF 9
| | | | |
Db 84 KFHVRVIKDF 92

RESULT 7
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2441
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match 100.0%; Score 49; DB 16; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.21;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIKDF 9
| | | | |
Db 84 KFHVRVIKDF 92

RESULT 8
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-631C-82

Query Match 100.0%; Score 49; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 0.21;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 KFHVRVIKDF 9
| | | | |
Db 92 KFHVRVIKDF 100

RESULT 9
US-09-925-301-1323
; Sequence 1323, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (30)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (57)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match 100.0%; Score 49; DB 9; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.29;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIKDF 9
| | | | |
Db 167 KFHVRVIKDF 175

RESULT 10
US-10-264-049-2974
; Sequence 2974, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133p1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2974
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match 100.0%; Score 49; DB 15; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.29;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIKDF 9
| | | | |

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Db      167 KHRVIKDF 175
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; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
;

RESULT 11
US-10-424-599-209631
; Sequence 209631, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 209631
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_31324C.1.pep
US-10-424-599-209631

Query Match      98.0%; Score 48; DB 15; Length 165;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

Oy      1 KHRVIKDF 9
      ||||:||||
Db      51 KHRVIKDF 59

RESULT 12
US-10-028-072-8
; Sequence 8, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
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; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18

; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHVRVIKDF 9
|||:||||
Db 52 KFHRIIKDF 60

RESULT 13
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHVRVIKDF 9
|||:||||
Db 52 KFHRIIKDF 60

RESULT 14

US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Godownski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | | |
Db 52 KFHRIKDF 60

RESULT 15
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8

; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | | |
Db 52 KFHRIKDF 60

RESULT 16
US-10-140-470-8
; Sequence 8, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | | |
Db 52 KFHRIKDF 60

RESULT 17
US-10-175-746-8
; Sequence 8, Application US/10175746
; Publication No. US2003002270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```

; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 18
US-10-176-918-8
; Sequence 8, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 19
US-10-176-921-8
; Sequence 8, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 20
US-10-137-865-8
; Sequence 8, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
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Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60
```

; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | |
Db 52 KFHRIKDF 60

RESULT 21

US-10-140-474-8
; Sequence 8, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C162

; CURRENT APPLICATION NUMBER: US/10/140,474

; CURRENT FILING DATE: 2002-05-06

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-140-474-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | |
Db 52 KFHRIKDF 60

RESULT 22

US-10-142-431-8
; Sequence 8, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-431-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | |
Db 52 KFHRIKDF 60

RESULT 23

US-10-143-114-8

; Sequence 8, Application US/10143114

; Publication No. US20030036180A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C211

; CURRENT APPLICATION NUMBER: US/10/143,114

; CURRENT FILING DATE: 2002-05-09

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-143-114-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHRIKDF 9
| | | | : | | |
Db 52 KFHRIKDF 60

RESULT 24
US-10-142-419-8
; Sequence 8, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRIKDF 9
Db 52 KFHRIKDF 60

RESULT 25
US-10-123-262-8
; Sequence 8, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-262-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRIKDF 9
Db 52 KFHRIKDF 60

RESULT 26
US-10-142-423-8
; Sequence 8, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142,423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRIKDF 9
Db 52 KFHRIKDF 60

RESULT 27
US-10-121-050-8
; Sequence 8, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-050-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 28
US-10-141-755-8
; Sequence 8, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-755-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

US-10-141-755-8
; Sequence 8, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-755-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60
```

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RESULT 29
US-10-143-032-8
; Sequence 8, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-032-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 30
US-10-123-108-8
; Sequence 8, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
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; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 98.0%; Score 48; DB 14; Length 166;

Best Local Similarity 88.9%; Pred. No. 0.25; Mismatches 1; Indels 0; Gaps 0;

Matches 8; Conservative 1;

Qy 1 KFHRRVIKDF 9

||||:||||

Db 52 KFHRIIKDF 60

RESULT 31

US-10-123-236-8
; Sequence 8, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC33

; CURRENT APPLICATION NUMBER: US/10/123,236

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-236-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9

||||:||||

Db 52 KFHRIIKDF 60

RESULT 32

US-10-123-261-8

; Sequence 8, Application US/10123261

; Publication No. US20030068796A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330RIC42

; CURRENT APPLICATION NUMBER: US/10/123,261

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-261-8

Query Match 98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KFHRRVIKDF 9

||||:||||

Db 52 KFHRIIKDF 60

RESULT 33

US-10-140-921-8

; Sequence 8, Application US/10140921

; Publication No. US20030068797A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel


```
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; PRIOR FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 34
US-10-140-928-8
; Sequence 8, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 35
US-10-121-045-8
; Sequence 8, Application US/10121045
; Publication No. US20030073210A1
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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-045-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

RESULT 36
US-10-123-292-8
; Sequence 8, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
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US-10-123-292-8
Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

RESULT 37
US-10-123-903-8
; Sequence 8, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-903-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

US-10-123-903-8
Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

RESULT 38
US-10-124-819-8
; Sequence 8, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

US-10-124-822-8
Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

RESULT 39
US-10-124-822-8
; Sequence 8, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KFHRRVIKDF 9
      ||||:||||
Db      52 KFHRIIKDF 60

RESULT 40
US-10-140-925-8
; Sequence 8, Application US/10140925
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; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-925-8

Query Match      98.0%; Score 48; DB 14; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;

QY      1 KFHRIKDF 9
      ||||:||||
Db      52 KFHRIKDF 60

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-2
Perfect score: 50
Sequence: 1 DFMIQGGDF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA: *
1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
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5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	50	100.0	114	4 US-09-270-767-32732	Sequence 32732, A
2	50	100.0	114	4 US-09-270-767-47949	Sequence 47949, A
3	50	100.0	126	2 US-08-482-728A-10	Sequence 10, Appl
4	50	100.0	166	4 US-09-513-999C-4171	Sequence 4171, Ap
5	50	100.0	184	4 US-09-949-016-7506	Sequence 7506, Ap
6	50	100.0	203	4 US-10-043-142-10	Sequence 10, Appl
7	50	100.0	203	4 US-09-806-399-10	Sequence 10, Appl
8	50	100.0	207	4 US-10-043-142-11	Sequence 11, Appl
9	50	100.0	207	4 US-09-806-399-11	Sequence 11, Appl
10	50	100.0	208	1 US-08-142-897-7	Sequence 7, Appli
11	50	100.0	208	4 US-10-043-142-12	Sequence 12, Appl
12	50	100.0	208	4 US-09-806-399-12	Sequence 12, Appl
13	50	100.0	208	4 US-09-538-092-994	Sequence 994, App
14	50	100.0	212	1 US-08-142-897-5	Sequence 5, Appli
15	50	100.0	212	4 US-10-043-142-5	Sequence 5, Appli
16	50	100.0	212	4 US-09-806-399-5	Sequence 5, Appli
17	49	98.0	754	4 US-09-976-594-375	Sequence 375, App
18	49	98.0	760	4 US-09-949-016-11129	Sequence 11129, A
19	48	96.0	126	2 US-08-482-728A-16	Sequence 16, Appl
20	48	96.0	162	1 US-08-142-897-9	Sequence 9, Appli
21	48	96.0	162	1 US-08-145-995A-14	Sequence 14, Appl
22	48	96.0	162	2 US-08-451-747-14	Sequence 14, Appl
23	48	96.0	162	3 US-09-134-852-14	Sequence 14, Appl
24	45	90.0	134	2 US-08-482-728A-14	Sequence 14, Appl
25	45	90.0	176	1 US-08-145-995A-3	Sequence 3, Appli
26	45	90.0	176	1 US-08-145-995A-4	Sequence 4, Appli
27	45	90.0	176	2 US-08-451-747-3	Sequence 3, Appli

28	45	90.0	176	2 US-08-451-747-4	Sequence 4, Appli
29	45	90.0	176	3 US-09-134-852-3	Sequence 3, Appli
30	45	90.0	176	3 US-09-134-852-4	Sequence 4, Appli
31	45	90.0	269	3 US-09-028-366-6	Sequence 6, Appli
32	45	90.0	269	4 US-09-715-285-6	Sequence 6, Appli
33	45	90.0	407	4 US-09-248-796A-19586	Sequence 19586, A
34	45	90.0	591	1 US-08-145-995A-21	Sequence 21, Appl
35	45	90.0	591	2 US-08-451-747-21	Sequence 21, Appl
36	45	90.0	591	3 US-09-134-852-21	Sequence 21, Appl
37	45	90.0	1462	4 US-09-538-092-1043	Sequence 1043, Ap
38	44	88.0	113	4 US-09-513-999C-8064	Sequence 8064, Ap
39	44	88.0	124	4 US-09-107-532A-6729	Sequence 6729, Ap
40	44	88.0	126	2 US-08-482-728A-11	Sequence 11, Appl
41	44	88.0	134	2 US-08-482-728A-13	Sequence 13, Appl
42	44	88.0	148	1 US-08-145-995A-6	Sequence 6, Appli
43	44	88.0	148	2 US-08-451-747-6	Sequence 6, Appli
44	44	88.0	148	3 US-09-134-852-6	Sequence 6, Appli
45	44	88.0	175	1 US-08-145-995A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-09-270-767-32732
; Sequence 32732, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32732
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-32732

Query Match 100.0%; Score 50; DB 4; Length 114;
Best Local Similarity 100.0%; Pred. No. 0.099;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||||||
Db 90 DFMIQGGDF 98

RESULT 2
US-09-270-767-47949
; Sequence 47949, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47949
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-47949

Query Match 100.0%; Score 50; DB 4; Length 114;

Best Local Similarity 100.0%; Pred. No. 0.099; Mismatches 0; Indels 0; Gaps 0;
Matches 9; Conservative 0;

QY 1 DFMIQGGDF 9
|||||
Db 90 DFMIQGGDF 98

RESULT 3

US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-10

Query Match 100.0%; Score 50; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||||
Db 42 DFMIQGGDF 50

RESULT 4

US-09-513-999C-4171
; Sequence 4171, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 4171
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -33..-1
; OTHER INFORMATION: score 9.9
; OTHER INFORMATION: seq SVFFLLLPGPSAA/DE
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 116
; OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 126
; OTHER INFORMATION: Xaa= * or Ser
US-09-513-999C-4171

Query Match 100.0%; Score 50; DB 4; Length 166;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||||
Db 99 DFMIQGGDF 107

RESULT 5

US-09-949-016-7506
; Sequence 7506, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7506
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7506

Query Match 100.0%; Score 50; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||||
Db 78 DFMIQGGDF 86

RESULT 6

US-10-043-142-10
; Sequence 10, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match 100.0%; Score 50; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.18;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 85 DFMIQGGDF 93

RESULT 7
US-09-806-399-10
; Sequence 10, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-09-806-399-10

Query Match 100.0%; Score 50; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.18;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 85 DFMIQGGDF 93

RESULT 8
US-10-043-142-11
; Sequence 11, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 100.0%; Score 50; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 90 DFMIQGGDF 98

RESULT 9
US-09-806-399-11
; Sequence 11, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

Query Match 100.0%; Score 50; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 90 DFMIQGGDF 98

RESULT 10
US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-7

Query Match 100.0%; Score 50; DB 1; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 91 DFMIQGGDF 99

RESULT 11

US-10-043-142-12
; Sequence 12, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 100.0%; Score 50; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 91 DFMIQGGDF 99

RESULT 12

US-09-806-399-12

; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-806-399-12

Query Match 100.0%; Score 50; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 91 DFMIQGGDF 99

RESULT 13

US-09-538-092-994
; Sequence 994, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 994
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match 100.0%; Score 50; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 91 DFMIQGGDF 99

RESULT 14

US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.

; TITLE OF INVENTION: No. 5447852e1 Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 212 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-142-897-5

Query Match 100.0%; Score 50; DB 1; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 93 DFMIQGGDF 101

RESULT 15
US-10-043-142-5
; Sequence 5, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
; US-10-043-142-5

Query Match 100.0%; Score 50; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 90 DFMIQGGDF 98

RESULT 16
US-09-806-399-5
; Sequence 5, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
; US-09-806-399-5

Query Match 100.0%; Score 50; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.19;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 90 DFMIQGGDF 98

RESULT 17
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 375
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
; US-09-976-594-375

Query Match 98.0%; Score 49; DB 4; Length 754;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 71 DFMIQGGDF 79

RESULT 18
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11129
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11129

Query Match 98.0%; Score 49; DB 4; Length 760;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 77 DFVQGGDF 85

RESULT 19
US-08-482-728A-16
; Sequence 16, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-16

Query Match 96.0%; Score 48; DB 2; Length 126;
Best Local Similarity 88.9%; Pred. No. 0.25;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 42 DFMLQGGDF 50

RESULT 20
US-08-142-897-9
; Sequence 9, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-9

Query Match 96.0%; Score 48; DB 1; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | |
Db 57 DFMLQGGDF 65

RESULT 21
US-08-145-995A-14
; Sequence 14, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-14

Query Match 96.0%; Score 48; DB 1; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 57 DFMLQGGDF 65

RESULT 22
US-08-451-747-14
; Sequence 14, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-14

Query Match 96.0%; Score 48; DB 2; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 57 DFMLQGGDF 65

RESULT 23
US-09-134-852-14
; Sequence 14, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440

TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-134-852-14

Query Match 96.0%; Score 48; DB 3; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 57 DFMLQGGDF 65

RESULT 24

US-08-482-728A-14
Sequence 14, Application US/08482728A

Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 134 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-14

Query Match 90.0%; Score 45; DB 2; Length 134;
Best Local Similarity 88.9%; Pred. No. 0.89;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 50 NFMIQGGDF 58

RESULT 25

US-08-145-995A-3
Sequence 3, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-3

Query Match 90.0%; Score 45; DB 1; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 70 NFMIQGGDF 78

RESULT 26

US-08-145-995A-4
Sequence 4, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

Query Match 90.0%; Score 45; DB 1; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|||:||||
Db 70 NFMIQGGDF 78

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-4

Query Match 90.0%; Score 45; DB 1; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 27
US-08-451-747-3
Sequence 3, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-3
Query Match 90.0%; Score 45; DB 2; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 DFMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78
RESULT 28
US-08-451-747-4
Sequence 4, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-4

Query Match 90.0%; Score 45; DB 2; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 29
US-09-134-852-3

; Sequence 3, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: protein
; MOLECULE TYPE: protein
US-09-134-852-3

Query Match 90.0%; Score 45; DB 3; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 70 NFMIQGGDF 78

RESULT 30
US-09-134-852-4
; Sequence 4, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: protein
; MOLECULE TYPE: protein
US-09-134-852-4

Query Match 90.0%; Score 45; DB 3; Length 176;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
Db 70 NFMIQGGDF 78

RESULT 31
US-09-134-366-6
; Sequence 6, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054

; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 269 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-028-366-6

Query Match 90.0%; Score 45; DB 3; Length 269;
Best Local Similarity 88.9%; Pred. No. 1.9;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 32
US-09-715-285-6
; Sequence 6, Application US/09715285
; Patent No. 6649395
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; HONG, XIQIANG
; MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/715,285
; FILING DATE: 17-No. 6649395-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/028,366
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX: <Unknown>

; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 269 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-715-285-6

Query Match 90.0%; Score 45; DB 4; Length 269;
Best Local Similarity 88.9%; Pred. No. 1.9;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9

Db 70 NFMIQGGDF 78
:|||||

RESULT 33
US-09-248-796A-19586
; Sequence 19586, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19586
; LENGTH: 407
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match 90.0%; Score 45; DB 4; Length 407;
Best Local Similarity 88.9%; Pred. No. 2.9;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
:|||||
Db 105 DFMCQGGDF 113

RESULT 34
US-08-145-995A-21
; Sequence 21, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 591 amino acids

;
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-145-995A-21

Query Match 90.0%; Score 45; DB 1; Length 591;
Best Local Similarity 88.9%; Pred. No. 4.3;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
:|||||
Db 72 NFMIQGGDF 80

RESULT 35
US-08-451-747-21
; Sequence 21, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS: 21
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:

; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 591 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-451-747-21

Query Match 90.0%; Score 45; DB 2; Length 591;
Best Local Similarity 88.9%; Pred. No. 4.3;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
:|||||
Db 72 NFMIQGGDF 80

RESULT 36
US-09-134-852-21
; Sequence 21, Application US/09134852
; Patent No. 6127148

;
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS: 21
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 591 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-134-852-21

Query Match 90.0%; Score 45; DB 3; Length 591;
Best Local Similarity 88.9%; Pred. No. 4.3;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
:|||||
Db 72 NFMIQGGDF 80

RESULT 37
US-09-538-092-1043
; Sequence 1043, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 1043
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:


```
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P30414
US-09-538-092-1043

Query Match      90.0%; Score 45; DB 4; Length 1462;
Best Local Similarity 88.9%; Pred. No. 11;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 38
US-09-513-999C-8064
; Sequence 8064, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 8064
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 36
; OTHER INFORMATION: Xaa=Cys or Ser
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 51
; OTHER INFORMATION: Xaa=Pro or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 108
; OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match      88.0%; Score 44; DB 4; Length 113;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 39
US-09-107-532A-6729
; Sequence 6729, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
```

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; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 6729:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 124 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...124
; SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
US-09-107-532A-6729

Query Match      88.0%; Score 44; DB 4; Length 124;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      70 DFMIQGGD 77

RESULT 40
US-08-482-728A-11
; Sequence 11, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
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; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-11
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Query Match      88.0%; Score 44; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 1.3;
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Db      42 DFMIQGGD 49
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Job time : 21.4286 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-2

Perfect score: 50

Sequence: 1 DFMIQGGDF 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US07 PUBCOMB.pep:*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/2/pubpaa/US09 NEW PUB.pep:*
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- 16: /cgn2_6/ptodata/2/pubpaa/US10D PUBCOMB.pep:*
- 17: /cgn2_6/ptodata/2/pubpaa/US10 NEW PUB.pep:*
- 18: /cgn2_6/ptodata/2/pubpaa/US11 NEW PUB.pep:*
- 19: /cgn2_6/ptodata/2/pubpaa/US60 NEW PUB.pep:*
- 20: /cgn2_6/ptodata/2/pubpaa/US60 PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	50	100.0	9	15	US-10-447-161-85	Sequence 85, Appl
2	50	100.0	9	16	US-10-788-016-2	Sequence 2, Appli
3	50	100.0	64	9	US-09-990-747-17	Sequence 17, Appl
4	50	100.0	177	17	US-10-965-898-50	Sequence 50, Appl
5	50	100.0	183	9	US-09-925-300-1279	Sequence 1279, Ap
6	50	100.0	193	15	US-10-264-049-3135	Sequence 3135, Ap
7	50	100.0	201	16	US-10-767-701-39552	Sequence 39552, A
8	50	100.0	203	13	US-10-043-142-10	Sequence 10, Appl
9	50	100.0	205	10	US-09-949-029-76	Sequence 76, Appl
10	50	100.0	207	13	US-10-043-142-11	Sequence 11, Appl
11	50	100.0	208	13	US-10-043-142-12	Sequence 12, Appl
12	50	100.0	208	16	US-10-408-765A-2441	Sequence 2441, Ap
13	50	100.0	210	14	US-10-002-631C-82	Sequence 82, Appl

14	50	100.0	212	13	US-10-043-142-5	Sequence 5, Appli
15	50	100.0	227	16	US-10-437-963-182068	Sequence 182068,
16	50	100.0	249	16	US-10-767-701-45224	Sequence 45224, A
17	50	100.0	250	16	US-10-437-963-119297	Sequence 119297,
18	50	100.0	251	15	US-10-424-599-181872	Sequence 181872,
19	50	100.0	252	15	US-10-425-114-43590	Sequence 43590, A
20	50	100.0	253	15	US-10-424-599-181874	Sequence 181874,
21	50	100.0	256	15	US-10-425-114-38247	Sequence 38247, A
22	50	100.0	260	15	US-10-424-599-214442	Sequence 214442,
23	50	100.0	291	9	US-09-925-301-1323	Sequence 1323, Ap
24	50	100.0	291	15	US-10-264-049-2974	Sequence 2974, Ap
25	49	98.0	136	15	US-10-466-164-63	Sequence 63, Appl
26	49	98.0	754	14	US-10-153-668-254	Sequence 254, App
27	48	96.0	211	15	US-10-424-599-236857	Sequence 236857,
28	47	94.0	9	16	US-10-788-016-9	Sequence 9, Appli
29	47	94.0	203	16	US-10-437-963-118919	Sequence 118919,
30	45	90.0	162	15	US-10-072-012-839	Sequence 839, App
31	45	90.0	171	16	US-10-767-701-47260	Sequence 47260, A
32	45	90.0	406	16	US-10-451-467A-548	Sequence 548, App
33	45	90.0	1462	14	US-10-287-218-17	Sequence 17, Appl
34	45	90.0	1462	16	US-10-408-765A-756	Sequence 756, App
35	45	90.0	1462	16	US-10-474-291-17	Sequence 17, Appl
36	44	88.0	161	15	US-10-424-599-233196	Sequence 233196,
37	44	88.0	166	14	US-10-028-072-8	Sequence 8, Appli
38	44	88.0	166	14	US-10-140-808-8	Sequence 8, Appli
39	44	88.0	166	14	US-10-121-049-8	Sequence 8, Appli
40	44	88.0	166	14	US-10-123-904-8	Sequence 8, Appli
41	44	88.0	166	14	US-10-140-470-8	Sequence 8, Appli
42	44	88.0	166	14	US-10-175-746-8	Sequence 8, Appli
43	44	88.0	166	14	US-10-176-918-8	Sequence 8, Appli
44	44	88.0	166	14	US-10-176-921-8	Sequence 8, Appli
45	44	88.0	166	14	US-10-137-865-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-10-447-161-85
; Sequence 85, Application US/10447161
; Publication No. US20040023314A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
; FILE REFERENCE: HO-P02484US1
; CURRENT APPLICATION NUMBER: US/10/447,161
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,530
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 85
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-447-161-85

Query Match 100.0%; Score 50; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
Db 1 DFMIQGGDF 9

RESULT 2
US-10-788-016-2
; Sequence 2, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:

; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue
; OTHER INFORMATION: to the 99th residue of cyclophilin B
US-10-788-016-2

Query Match 100.0%; Score 50; DB 16; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
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Db 1 DFMIQGGDF 9

RESULT 3
US-09-990-747-17
; Sequence 17, Application US/09990747
; Publication No. US20020081688A1
; GENERAL INFORMATION:
; APPLICANT: Kamb et al.
; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
; FILE REFERENCE: 29345/36934A
; CURRENT APPLICATION NUMBER: US/09/990,747
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: US 60/249,468
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 08/812,994
; PRIOR FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-990-747-17

Query Match 100.0%; Score 50; DB 9; Length 64;
Best Local Similarity 100.0%; Pred. No. 0.083;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
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Db 31 DFMIQGGDF 39

RESULT 4
US-10-965-898-50
; Sequence 50, Application US/10965898
; Publication No. US20050084936A1
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; Bandman, Olga
; Hillman, Jennifer L.
; Au-Young, Janice
; Tang, Y. Tom
; Yue, Henry
; Shah, Purvi
; Guegler, Karl J.

; Corley, Neil C.
; TITLE OF INVENTION: HUMAN REGULATORY PROTEINS
; NUMBER OF SEQUENCES: 150
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/965,898
; FILING DATE: 18-Oct-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/001,403
; FILING DATE: 31-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: BILLINGS, LUCY J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0455 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: DRGLNOT01
; CLONE: 2845223
; SEQUENCE DESCRIPTION: SEQ ID NO: 50 :
US-10-965-898-50

Query Match 100.0%; Score 50; DB 17; Length 177;
Best Local Similarity 100.0%; Pred. No. 0.23;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
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Db 71 DFMIQGGDF 79

RESULT 5
US-09-925-300-1279
; Sequence 1279, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA101
; CURRENT APPLICATION NUMBER: US/09/925,300
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1890
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1279
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-300-1279

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Best Local Similarity 100.0%; Pred. No. 0.24;
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Db      77 DFMIQGGDF 85

RESULT 6
US-10-264-049-3135
; Sequence 3135, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133PI
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 3135
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-3135

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Best Local Similarity 100.0%; Pred. No. 0.26;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
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Db      87 DFMIQGGDF 95

RESULT 7
US-10-767-701-39552
; Sequence 39552, Application US/107677701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 39552
; LENGTH: 201
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23029_1.pep
US-10-767-701-39552

Query Match      100.0%; Score 50; DB 16; Length 201;
Best Local Similarity 100.0%; Pred. No. 0.27;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      94 DFMIQGGDF 102

RESULT 8
US-10-043-142-10
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; Sequence 10, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match      100.0%; Score 50; DB 13; Length 203;
Best Local Similarity 100.0%; Pred. No. 0.27;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
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Db      85 DFMIQGGDF 93

RESULT 9
US-09-949-029-76
; Sequence 76, Application US/09949029
; Publication No. US20030134278A1
; GENERAL INFORMATION:
; APPLICANT: Karpen, G.H.
; APPLICANT: Dobie, K.W.
; APPLICANT: Kennedy, C.D.
; APPLICANT: Velasco, V.M.
; APPLICANT: McGrath, T.L.
; APPLICANT: Weko, J.
; APPLICANT: Patterson, R.W.
; TITLE OF INVENTION: Identification of chromosome inheritance modifiers in Drosophila
; FILE REFERENCE: 1211.015US1
; CURRENT APPLICATION NUMBER: US/09/949,029
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US 60/231,178
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76
; LENGTH: 205
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-949-029-76

Query Match      100.0%; Score 50; DB 10; Length 205;
Best Local Similarity 100.0%; Pred. No. 0.27;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
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Db      84 DFMIQGGDF 92

RESULT 10
US-10-043-142-11
; Sequence 11, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
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; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11
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Query Match      100.0%; Score 50; DB 13; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.27;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      90 DFMIQGGDF 98
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RESULT 11
US-10-043-142-12
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; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12
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Query Match      100.0%; Score 50; DB 13; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 DFMIQGGDF 9
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Db      91 DFMIQGGDF 99
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RESULT 12
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
```

```
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2441
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2441
```

```
Query Match      100.0%; Score 50; DB 16; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 DFMIQGGDF 9
      |||||
Db      91 DFMIQGGDF 99
```

```
RESULT 13
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-631C-82
```

```
Query Match      100.0%; Score 50; DB 14; Length 210;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches      9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 DFMIQGGDF 9
      |||||
Db      99 DFMIQGGDF 107
```

```
RESULT 14
US-10-043-142-5
; Sequence 5, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match      100.0%; Score 50; DB 13; Length 212;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      |||||
Db      90 DFMIQGGDF 98

RESULT 15
US-10-437-963-182068
; Sequence 182068, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 182068
; LENGTH: 227
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(227)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_79291C.1.pep
US-10-437-963-182068

Query Match      100.0%; Score 50; DB 16; Length 227;
Best Local Similarity 100.0%; Pred. No. 0.3;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      |||||
Db      132 DFMIQGGDF 140

RESULT 16
US-10-767-701-45224
; Sequence 45224, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 45224
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Sorghum bicolor
```

```
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1368_1.pep
US-10-767-701-45224

Query Match      100.0%; Score 50; DB 16; Length 249;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      |||||
Db      140 DFMIQGGDF 148

RESULT 17
US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22527C.1.pep
US-10-437-963-119297

Query Match      100.0%; Score 50; DB 16; Length 250;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      |||||
Db      141 DFMIQGGDF 149

RESULT 18
US-10-424-599-181872
; Sequence 181872, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181872
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135244C.1.pep
US-10-424-599-181872

Query Match      100.0%; Score 50; DB 15; Length 251;
```

Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | | | | |
Db 142 DFMIQGGDF 150

RESULT 19
US-10-425-114-43590
; Sequence 43590, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 43590
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 700764581_FLI.pep
US-10-425-114-43590

Query Match 100.0%; Score 50; DB 15; Length 252;
Best Local Similarity 100.0%; Pred. No. 0.33;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | | | | |
Db 143 DFMIQGGDF 151

RESULT 20
US-10-424-599-181874
; Sequence 181874, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181874
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pep
US-10-424-599-181874

Query Match 100.0%; Score 50; DB 15; Length 253;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | | | | |
Db 144 DFMIQGGDF 152

RESULT 21
US-10-425-114-38247
; Sequence 38247, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 38247
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pep
US-10-425-114-38247

Query Match 100.0%; Score 50; DB 15; Length 256;
Best Local Similarity 100.0%; Pred. No. 0.34;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | | | | |
Db 147 DFMIQGGDF 155

RESULT 22
US-10-424-599-214442
; Sequence 214442, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 214442
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep
US-10-424-599-214442

Query Match 100.0%; Score 50; DB 15; Length 260;
Best Local Similarity 100.0%; Pred. No. 0.35;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
| | | | | | | |
Db 150 DFMIQGGDF 158

RESULT 23
US-09-925-301-1323
; Sequence 1323, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.


```

; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (30)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (57)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match          100.0%; Score 50; DB 9; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.39;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
Db      174 DFMIQGGDF 182

RESULT 24
US-10-264-049-2974
; Sequence 2974, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133PI
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2974
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match          100.0%; Score 50; DB 15; Length 291;
Best Local Similarity 100.0%; Pred. No. 0.39;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
Db      174 DFMIQGGDF 182

RESULT 25
US-10-466-164-63
; Sequence 63, Application US/10466164
; Publication No. US20040058365A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE CORPORATION; PANZER, Scott R.;
; APPLICANT: LINCOLN, Stephen E.; ALTUS, Christina M.;
; APPLICANT: DUFOUR, Gerard E.; JACKSON, Jennifer L.;
; APPLICANT: JONES, Anissa L.; DAM, Tam C.;
; APPLICANT: LIU, Tommy F.; HARRIS, Bernard;
```

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; APPLICANT: FLORES, Vincent Z.; DAPFO, Abel;
; APPLICANT: MARWAHA, Rakesh; CHEN, Alice J.;
; APPLICANT: CHANG, Simon C.; GERSTIN,Jr., Edward H.;
; APPLICANT: PERALTA, Careyna H.; DAVID, Marie H.;
; APPLICANT: LEWIS, Samantha A.
; TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
; FILE REFERENCE: PT-1215 PCT
; CURRENT APPLICATION NUMBER: US/10/466,164
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCT/US02/01008
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: US 60/261,865
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/263,065
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/263,329
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/262,209
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/262,208
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/262,326
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/263,063
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/261,622
; PRIOR FILING DATE: 2001-01-12
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PERL Program
; SEQ ID NO 63
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20040058365A1 LI:1072276.1.orf1:2001JAN12
US-10-466-164-63

Query Match          98.0%; Score 49; DB 15; Length 136;
Best Local Similarity 88.9%; Pred. No. 0.27;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
Db      41 DFMIQGGDF 49

RESULT 26
US-10-153-668-254
; Sequence 254, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: JP 2001-313175
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 488
```

; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 254
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-153-668-254

Query Match 98.0%; Score 49; DB 14; Length 754;
Best Local Similarity 88.9%; Pred. No. 1.6;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|:|||||
Db 71 DFVQGGDF 79

RESULT 27

US-10-424-599-236857
; Sequence 236857, Application US/10424599
; Publication No. US20040031072A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K

; APPLICANT: Zhou Yihua

; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

; FILE REFERENCE: 38-21(53223)B

; CURRENT APPLICATION NUMBER: US/10/424,599

; CURRENT FILING DATE: 2003-04-28

; NUMBER OF SEQ ID NOS: 285684

; SEQ ID NO 236857

; LENGTH: 211

; TYPE: PRT

; ORGANISM: Glycine max

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pap

US-10-424-599-236857

Query Match 96.0%; Score 48; DB 15; Length 211;
Best Local Similarity 88.9%; Pred. No. 0.65;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|:|||||
Db 100 DFMLQGGDF 108

RESULT 28

US-10-788-016-9

; Sequence 9, Application US/10788016

; Publication No. US20040141992A1

; GENERAL INFORMATION:

; APPLICANT: ITOH, Kyogo

; TITLE OF INVENTION: Desensitizers

; FILE REFERENCE: 3190-049

; CURRENT APPLICATION NUMBER: US/10/788,016

; CURRENT FILING DATE: 2004-02-26

; PRIOR APPLICATION NUMBER: PCT/JP02/08641

; PRIOR FILING DATE: 2002-08-28

; PRIOR APPLICATION NUMBER: JP P2001-260046

; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 9

; LENGTH: 9

; TYPE: PRT

; ORGANISM: Artificial

; FEATURE:

; OTHER INFORMATION: Designed peptide based on the peptide consisting of 9 amino acid
; OTHER INFORMATION: residues from the 91st residue to the 99th residue of
; OTHER INFORMATION: cyclophillin B

US-10-788-016-9

Query Match 94.0%; Score 47; DB 16; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|:|||||
Db 1 DYMIQGGDF 9

RESULT 29

US-10-437-963-118919

; Sequence 118919, Application US/10437963

; Publication No. US20040123343A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; APPLICANT: Wu, Wei

; APPLICANT: Boukharov, Andrey A.

; APPLICANT: Barbazuk, Brad

; APPLICANT: Li, Ping

; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

; FILE REFERENCE: 38-21(53221)B

; CURRENT APPLICATION NUMBER: US/10/437,963

; CURRENT FILING DATE: 2003-05-14

; NUMBER OF SEQ ID NOS: 204966

; SEQ ID NO 118919

; LENGTH: 203

; TYPE: PRT

; ORGANISM: Oryza sativa

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pap

US-10-437-963-118919

Query Match 94.0%; Score 47; DB 16; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.96;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGDF 9
|:|||||
Db 96 DFMIQGGDY 104

RESULT 30

US-10-072-012-839

; Sequence 839, Application US/10072012

; Publication No. US20040033493A1

; GENERAL INFORMATION:

; APPLICANT: Tchernev, Velizar

; APPLICANT: Spytek, Kimberly

; APPLICANT: Zerhusen, Bryan

; APPLICANT: Patturajan, Meera

; APPLICANT: Shimkets, Richard

; APPLICANT: Li, Li

; APPLICANT: Gangolli, Esha

; APPLICANT: Padigaru, Muralidhara

; APPLICANT: Anderson, David W.

; APPLICANT: Rastelli, Luca

; APPLICANT: Miller, Charles E.

; APPLICANT: Gerlach, Valerie

; APPLICANT: Taupier Jr, Raymond J.

; APPLICANT: Gusev, Vladimir Y.

; APPLICANT: Colman, Steven D.

; APPLICANT: Wolenc, Adam R.

; APPLICANT: Pena, Carol E. A

; APPLICANT: Furtak, Katarzyna

; APPLICANT: Grosse, William M.

; APPLICANT: Alsbrook II, John P.

; APPLICANT: Lepley, Denise M.

; APPLICANT: Rieger, Daniel K.

; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 839
; LENGTH: 162
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclophilin
; OTHER INFORMATION: type peptidyl-prolyl cis-trans isomerase Consensus
; OTHER INFORMATION: Sequence
US-10-072-012-839

Query Match 90.0%; Score 45; DB 15; Length 162;
Best Local Similarity 88.9%; Pred. No. 1.8;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
:|||||
Db 56 NFMIQGGDF 64

RESULT 31
US-10-767-701-47260
; Sequence 47260, Application US/107677701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 47260
; LENGTH: 171
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep
US-10-767-701-47260

Query Match 90.0%; Score 45; DB 16; Length 171;
Best Local Similarity 88.9%; Pred. No. 1.9;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
:|||||
Db 66 DFMCQGGDF 74

RESULT 32
US-10-451-467A-548
; Sequence 548, Application US/10451467A
; Publication No. US20040161840A1
; GENERAL INFORMATION:
; APPLICANT: CONTRERAS, ROLAND HENRI
; APPLICANT: EBERHARDT, INES
; APPLICANT: LUYTEN, WALTER HERMAN MARIA LOUIS
; APPLICANT: REEKMAN, RIEKA JOSEPHINA
; TITLE OF INVENTION: BAX-RESPONSIVE GENES FOR DRUG TARGET IDENTIFICATION IN
; TITLE OF INVENTION: YEAST AND FUNGI
; FILE REFERENCE: JAB-1667
; CURRENT APPLICATION NUMBER: US/10/451,467A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: EP 00870318.3
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: EP 01870002.1
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: EP 01870003.9
; PRIOR FILING DATE: 2001-01-09
; NUMBER OF SEQ ID NOS: 732
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 548
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Candida albicans
US-10-451-467A-548

Query Match 90.0%; Score 45; DB 16; Length 406;
Best Local Similarity 88.9%; Pred. No. 4.5;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DFMIQGGDF 9
:|||||
Db 104 DFMCQGGDF 112

RESULT 33
US-10-287-218-17
; Sequence 17, Application US/10287218
; Publication No. US20030198975A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: AZIMZAI, Yalda; AU-YOUNG, Janice K.
; APPLICANT: BATRA, Sajeev; BAUGHN, Mariah R.
; APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.
; APPLICANT: BUFORD, Neil; DING, Li
; APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.
; APPLICANT: GANDHI, Ameena R.; GIETZEN, Kimberly J.
; APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.
; APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.
; APPLICANT: LEE, Soo Yeun; LU, Dyung Aina M.
; APPLICANT: ARVIZU, Chandra S.; RAMKUNAR, Jayalaxmi
; APPLICANT: REDDY, Roopa; SANJANWALA, Madhu, M.
; APPLICANT: TANG, Y. Tom; WALIA, Narinder K.
; APPLICANT: WANG, Yu-mei, E.; WARREN, Bridget A.
; APPLICANT: XU, Yuming; YANG, Junming
; APPLICANT: YAO, Monique G.; YUE, Henry
; APPLICANT: ZEBARJADIAN, Yeganeh
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PI-0417 USA
; CURRENT APPLICATION NUMBER: US/10/287,218
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: PCT/US02/11152
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/349,705
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/295,263

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; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/295,340
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/293,727
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/291,846
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/291,662
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: US 60/287,228
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/286,820
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/283,294
; PRIOR FILING DATE: 2001-04-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 17
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030198975A1 5734806CD1
US-10-287-218-17

Query Match          90.0%; Score 45; DB 14; Length 1462;
Best Local Similarity 88.9%; Pred. No. 17;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      :|||||
Db      70 NFMIQGGDF 78

RESULT 34
US-10-408-765A-756
; Sequence 756, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 66088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 756
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-756

Query Match          90.0%; Score 45; DB 16; Length 1462;
Best Local Similarity 88.9%; Pred. No. 17;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      :|||||
Db      70 NFMIQGGDF 78

RESULT 35
US-10-474-291-17
; Sequence 17, Application US/10474291
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; Publication No. US20040132043A1
; GENERAL INFORMATION:
; APPLICANT: AZIMZAI, Yalda; AU-YOUNG, Janice K.
; APPLICANT: BATRA, Sajeev; BAUGHN, Mariah R.
; APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.
; APPLICANT: BURFORD, Neil; DING, Li
; APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.
; APPLICANT: GANDHI, Ameen R.; GIETZEN, Kimberly J.
; APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.
; APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.
; APPLICANT: LEE, Soo Yeun; LU, Dyung Aina M.
; APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi
; APPLICANT: REDDY, Roopa M.; SANJANWALA, Madhusudan M.
; APPLICANT: TANG, Y. Tom; CHAWLA, Narinder K.
; APPLICANT: WANG, Yu-Mei E.; WARREN, Bridget A.
; APPLICANT: XU, Yuming; YANG, Junming
; APPLICANT: YAO, Monique G.; YUE, Henry
; APPLICANT: ZEBARJADIAN, Yeganeh
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PI-0417 USN
; CURRENT APPLICATION NUMBER: US/10/474,291
; CURRENT FILING DATE: 2003-10-06
; PRIOR APPLICATION NUMBER: PCT/US02/11152
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/349,705
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/295,263
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/295,340
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/293,727
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/291,846
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/291,662
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: US 60/287,228
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/286,820
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/283,294
; PRIOR FILING DATE: 2001-04-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 17
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 5734806CD1
US-10-474-291-17

Query Match          90.0%; Score 45; DB 16; Length 1462;
Best Local Similarity 88.9%; Pred. No. 17;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      :|||||
Db      70 NFMIQGGDF 78

RESULT 36
US-10-424-599-233196
; Sequence 233196, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
```

```
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 233196
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_525C.1.pep
US-10-424-599-233196

Query Match      88.0%; Score 44; DB 15; Length 161;
Best Local Similarity 88.9%; Pred. No. 2.7;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 DFMIQGGDF 9
      ||||| |||
Db      87 DFMIQAGDF 95

RESULT 37
US-10-028-072-8
; Sequence 8, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360

; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 38
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Apploication removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 39
US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

Search completed: May 31, 2005, 12:39:24
Job time : 45.2857 secs

; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-8

Query Match 88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 40
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330RIC54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-8

Query Match 88.0%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-40

Perfect score: 51

Sequence: 1 DYMIQGGDF 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	47	92.2	114	4	US-09-270-767-32732 Sequence 32732, A
2	47	92.2	114	4	US-09-270-767-47949 Sequence 47949, A
3	47	92.2	126	2	US-08-482-728A-10 Sequence 10, Appl
4	47	92.2	166	4	US-09-513-999C-4171 Sequence 4171, Ap
5	47	92.2	184	4	US-09-949-016-7506 Sequence 7506, Ap
6	47	92.2	203	4	US-10-043-142-10 Sequence 10, Appl
7	47	92.2	203	4	US-09-806-399-10 Sequence 10, Appl
8	47	92.2	207	4	US-10-043-142-11 Sequence 11, Appl
9	47	92.2	207	4	US-09-806-399-11 Sequence 11, Appl
10	47	92.2	208	1	US-08-142-897-7 Sequence 7, Appli
11	47	92.2	208	4	US-10-043-142-12 Sequence 12, Appl
12	47	92.2	208	4	US-09-806-399-12 Sequence 12, Appl
13	47	92.2	208	4	US-09-538-092-994 Sequence 994, App
14	47	92.2	212	1	US-08-142-897-5 Sequence 5, Appli
15	47	92.2	212	4	US-10-043-142-5 Sequence 5, Appli
16	47	92.2	212	4	US-09-806-399-5 Sequence 5, Appli
17	46	90.2	754	4	US-09-976-594-375 Sequence 375, App
18	46	90.2	760	4	US-09-949-016-11129 Sequence 11129, A
19	45	88.2	126	2	US-08-482-728A-16 Sequence 16, Appl
20	45	88.2	162	1	US-08-142-897-9 Sequence 9, Appli
21	45	88.2	162	1	US-08-145-995A-14 Sequence 14, Appl
22	45	88.2	162	2	US-08-451-747-14 Sequence 14, Appl
23	45	88.2	162	3	US-09-134-852-14 Sequence 14, Appl
24	42	82.4	134	2	US-08-482-728A-14 Sequence 14, Appl
25	42	82.4	176	1	US-08-145-995A-3 Sequence 3, Appli
26	42	82.4	176	1	US-08-145-995A-4 Sequence 4, Appli
27	42	82.4	176	2	US-08-451-747-3 Sequence 3, Appli

28	42	82.4	176	2	US-08-451-747-4 Sequence 4, Appli
29	42	82.4	176	3	US-09-134-852-3 Sequence 3, Appli
30	42	82.4	176	3	US-09-134-852-4 Sequence 4, Appli
31	42	82.4	269	3	US-09-028-366-6 Sequence 6, Appli
32	42	82.4	269	4	US-09-715-285-6 Sequence 6, Appli
33	42	82.4	407	4	US-09-248-796A-19586 Sequence 19586, A
34	42	82.4	591	1	US-08-145-995A-21 Sequence 21, Appl
35	42	82.4	591	2	US-08-451-747-21 Sequence 21, Appl
36	42	82.4	591	3	US-09-134-852-21 Sequence 21, Appl
37	42	82.4	1462	4	US-09-538-092-1043 Sequence 1043, Ap
38	41	80.4	113	4	US-09-513-999C-8064 Sequence 8064, Ap
39	41	80.4	124	4	US-09-107-532A-6729 Sequence 6729, Ap
40	41	80.4	126	2	US-08-482-728A-11 Sequence 11, Appl
41	41	80.4	134	2	US-08-482-728A-13 Sequence 13, Appl
42	41	80.4	148	1	US-08-145-995A-6 Sequence 6, Appli
43	41	80.4	148	2	US-08-451-747-6 Sequence 6, Appli
44	41	80.4	148	3	US-09-134-852-6 Sequence 6, Appli
45	41	80.4	175	1	US-08-145-995A-5 Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-09-270-767-32732
; Sequence 32732, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 32732
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-32732

Query Match 92.2%; Score 47; DB 4; Length 114;
Best Local Similarity 88.9%; Pred. No. 0.19;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 2
US-09-270-767-47949
; Sequence 47949, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47949
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-47949
Query Match 92.2%; Score 47; DB 4; Length 114;

Best Local Similarity 88.9%; Pred. No. 0.19; Mismatches 0; Indels 0; Gaps 0;
Matches 8; Conservative 1;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 3

US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-10

Query Match 92.2%; Score 47; DB 2; Length 126;
Best Local Similarity 88.9%; Pred. No. 0.21;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 42 DFMIQGGDF 50

RESULT 4

US-09-513-999C-4171
; Sequence 4171, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 4171
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -33..-1
; OTHER INFORMATION: score 9.9
; OTHER INFORMATION: seq SVFLLLPGPSAA/DE
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 116
; OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 126
; OTHER INFORMATION: Xaa= * or Ser
US-09-513-999C-4171

Query Match 92.2%; Score 47; DB 4; Length 166;
Best Local Similarity 88.9%; Pred. No. 0.29;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 99 DFMIQGGDF 107

RESULT 5

US-09-949-016-7506
; Sequence 7506, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7506
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7506

Query Match 92.2%; Score 47; DB 4; Length 184;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 78 DFMIQGGDF 86

RESULT 6

US-10-043-142-10
; Sequence 10, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match 92.2%; Score 47; DB 4; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.36;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 85 DFMIQGGDF 93

RESULT 7
US-09-806-399-10
; Sequence 10, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-09-806-399-10

Query Match 92.2%; Score 47; DB 4; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.36;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 85 DFMIQGGDF 93

RESULT 8
US-10-043-142-11
; Sequence 11, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 92.2%; Score 47; DB 4; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 9
US-09-806-399-11
; Sequence 11, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

Query Match 92.2%; Score 47; DB 4; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 10
US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-7

Query Match 92.2%; Score 47; DB 1; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 91 DFMIQGGDF 99

RESULT 11
US-10-043-142-12
; Sequence 12, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 07883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 92.2%; Score 47; DB 4; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 91 DFMIQGGDF 99

RESULT 12
US-09-806-399-12

; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 07883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-806-399-12

Query Match 92.2%; Score 47; DB 4; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 91 DFMIQGGDF 99

RESULT 13
US-09-538-092-994
; Sequence 994, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 994
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match 92.2%; Score 47; DB 4; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.37;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 91 DFMIQGGDF 99

RESULT 14
US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.

;; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
;; TITLE OF INVENTION: and Uses
;; NUMBER OF SEQUENCES: 10
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Tracy J. Dunn
;; STREET: One Market Plaza, Steuart Tower, Suite 2000
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94105
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC Compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/142,897
;; FILING DATE:
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/005,917
;; FILING DATE: 15-JAN-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/740,375
;; FILING DATE: 05-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Dunn, Tracy D.
;; REGISTRATION NUMBER: 34,587
;; REFERENCE/DOCKET NUMBER: 5490A-92-1
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-326-2400
;; TELEFAX: 415-326-2422
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 212 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-08-142-897-5

Query Match 92.2%; Score 47; DB 1; Length 212;
Best Local Similarity 88.9%; Pred. No. 0.38;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 93 DFMIQGGDF 101

RESULT 15
US-10-043-142-5
; Sequence 5, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match 92.2%; Score 47; DB 4; Length 212;
Best Local Similarity 88.9%; Pred. No. 0.38;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 16
US-09-806-399-5
; Sequence 5, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-806-399-5

Query Match 92.2%; Score 47; DB 4; Length 212;
Best Local Similarity 88.9%; Pred. No. 0.38;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 90 DFMIQGGDF 98

RESULT 17
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 375
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
US-09-976-594-375

Query Match 90.2%; Score 46; DB 4; Length 754;
Best Local Similarity 77.8%; Pred. No. 2.4;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 71 DFMIQGGDF 79

RESULT 18
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11129
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11129

Query Match 90.2%; Score 46; DB 4; Length 760;
Best Local Similarity 77.8%; Pred. No. 2.5;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
|:|:|:|:|
Db 77 DFMVQGGDF 85

RESULT 19
US-08-482-728A-16
; Sequence 16, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-16

Query Match 88.2%; Score 45; DB 2; Length 126;
Best Local Similarity 77.8%; Pred. No. 0.49;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
|:|:|:|:|
Db 42 DFMLQGGDF 50

RESULT 20
US-08-142-897-9
; Sequence 9, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-9

Query Match 88.2%; Score 45; DB 1; Length 162;
Best Local Similarity 77.8%; Pred. No. 0.65;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
|:|:|:|:|
Db 57 DFMLQGGDF 65

RESULT 21
US-08-145-995A-14
; Sequence 14, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-14

Query Match 88.2%; Score 45; DB 1; Length 162;
Best Local Similarity 77.8%; Pred. No. 0.65;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|:|||||
Db 57 DFMLQGGDF 65

RESULT 22
US-08-451-747-14
; Sequence 14, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-14
Query Match 88.2%; Score 45; DB 2; Length 162;
Best Local Similarity 77.8%; Pred. No. 0.65;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|:|||||
Db 57 DFMLQGGDF 65

RESULT 23
US-09-134-852-14
; Sequence 14, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440

; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-14

Query Match 88.2%; Score 45; DB 3; Length 162;
Best Local Similarity 77.8%; Pred. No. 0.65;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|:|:|:|:|
Db 57 DFMLQGGDF 65

RESULT 24

US-08-482-728A-14
; Sequence 14, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 134 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-14

Query Match 82.4%; Score 42; DB 2; Length 134;
Best Local Similarity 77.8%; Pred. No. 1.9;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|:|:|:|:|
Db 50 NFMIQGGDF 58

RESULT 25

US-08-145-995A-3
; Sequence 3, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-3

Query Match 82.4%; Score 42; DB 1; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|:|:|:|:|
Db 70 NFMIQGGDF 78

RESULT 26

US-08-145-995A-4
; Sequence 4, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-4

Query Match 82.4%; Score 42; DB 1; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 27
US-08-451-747-3
Sequence 3, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-3

Query Match 82.4%; Score 42; DB 2; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 28
US-08-451-747-4
Sequence 4, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-4

Query Match 82.4%; Score 42; DB 2; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
:|||||
Db 70 NFMIQGGDF 78

RESULT 29
US-09-134-852-3

```
; Sequence 3, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: single
; MOLECULE TYPE: protein
; US-09-134-852-3

Query Match      82.4%; Score 42; DB 3; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 30
US-09-134-852-4
; Sequence 4, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-09-134-852-4

Query Match      82.4%; Score 42; DB 3; Length 176;
Best Local Similarity 77.8%; Pred. No. 2.6;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 31
US-09-028-366-6
; Sequence 6, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
```

TELEFAX: 978-927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 269 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-028-366-6

Query Match 82.4%; Score 42; DB 3; Length 269;
Best Local Similarity 77.8%; Pred. No. 4.2;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 70 NFMIQGGDF 78

RESULT 32
US-09-715-285-6
Sequence 6, Application US/09715285
Patent No. 6649395
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
HONG, XIQIANG
MA, DONG

TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
CYCLOPHILIN AND RELATED METHODS

NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: New England Biolabs, Inc.
STREET: 32 Tozer Road
CITY: Beverly
STATE: MA
COUNTRY: US
ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/715,285
FILING DATE: 17-No. 6649395-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/028,366
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-133
TELEPHONE: 978-927-5054
TELEFAX: 978-927-1705
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 269 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-715-285-6

Query Match 82.4%; Score 42; DB 4; Length 269;
Best Local Similarity 77.8%; Pred. No. 4.2;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9

Db 70 NFMIQGGDF 78

RESULT 33
US-09-248-796A-19586
Sequence 19586, Application US/09248796A
Patent No. 6747137
GENERAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA.
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1999-02-12
PRIOR APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 19586
LENGTH: 407
TYPE: PRT
ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match 82.4%; Score 42; DB 4; Length 407;
Best Local Similarity 77.8%; Pred. No. 6.7;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 105 DFMCQGGDF 113

RESULT 34
US-08-145-995A-21
Sequence 21, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 591 amino acids

; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P30414
US-09-538-092-1043

Query Match 82.4%; Score 42; DB 4; Length 1462;
Best Local Similarity 77.8%; Pred. No. 28;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
Db 70 NFMIQGGDF 78

RESULT 38

US-09-513-999C-8064
; Sequence 8064, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 8064
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:

; NAME/KEY: UNSURE
; LOCATION: 36
; OTHER INFORMATION: Xaa=Cys or Ser
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 51
; OTHER INFORMATION: Xaa=Pro or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 108
; OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match 80.4%; Score 41; DB 4; Length 113;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGD 8
Db 59 DFMIQGGD 66

RESULT 39

US-09-107-532A-6729
; Sequence 6729, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA

; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277

; INFORMATION FOR SEQ ID NO: 6729:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 124 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (B) LOCATION 1...124
; SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
US-09-107-532A-6729

Query Match 80.4%; Score 41; DB 4; Length 124;
Best Local Similarity 87.5%; Pred. No. 2.7;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGD 8
Db 70 DFMIQGGD 77

RESULT 40

US-08-482-728A-11
; Sequence 11, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 80.4%; Score 41; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 2.7;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGD 8
|:|||||
Db 42 DFMIQGGD 49

Search completed: May 31, 2005, 12:32:04
Job time : 21.4286 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-40
Perfect score: 51
Sequence: 1 DYMIQGGDF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
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5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
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17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	51	100.0	9	16 US-10-788-016-9	Sequence 9, Appli
2	47	92.2	9	15 US-10-447-161-85	Sequence 85, Appl
3	47	92.2	9	16 US-10-788-016-2	Sequence 2, Appli
4	47	92.2	64	9 US-09-990-747-17	Sequence 17, Appl
5	47	92.2	177	17 US-10-965-898-50	Sequence 50, Appl
6	47	92.2	183	9 US-09-925-300-1279	Sequence 1279, Ap
7	47	92.2	193	15 US-10-264-049-3135	Sequence 3135, Ap
8	47	92.2	201	16 US-10-767-701-39552	Sequence 39552, A
9	47	92.2	203	13 US-10-043-142-10	Sequence 10, Appl
10	47	92.2	205	10 US-09-949-029-76	Sequence 76, Appl
11	47	92.2	207	13 US-10-043-142-11	Sequence 11, Appl
12	47	92.2	208	13 US-10-043-142-12	Sequence 12, Appl
13	47	92.2	208	16 US-10-408-765A-2441	Sequence 2441, Ap

14	47	92.2	210	14	US-10-002-631C-82	Sequence 82, Appl
15	47	92.2	212	13	US-10-043-142-5	Sequence 5, Appli
16	47	92.2	227	16	US-10-437-963-182068	Sequence 182068,
17	47	92.2	249	16	US-10-767-701-45224	Sequence 45224, A
18	47	92.2	250	16	US-10-437-963-119297	Sequence 119297,
19	47	92.2	251	15	US-10-424-599-181872	Sequence 181872,
20	47	92.2	252	15	US-10-425-114-43590	Sequence 43590, A
21	47	92.2	253	15	US-10-424-599-181874	Sequence 181874,
22	47	92.2	256	15	US-10-425-114-38247	Sequence 38247, A
23	47	92.2	260	15	US-10-424-599-214442	Sequence 214442,
24	47	92.2	291	9	US-09-925-301-1323	Sequence 1323, Ap
25	47	92.2	291	15	US-10-264-049-2974	Sequence 2974, Ap
26	46	90.2	136	15	US-10-466-164-63	Sequence 63, Appl
27	46	90.2	754	14	US-10-153-668-254	Sequence 254, App
28	45	88.2	211	15	US-10-424-599-236857	Sequence 236857,
29	44	86.3	203	16	US-10-437-963-118919	Sequence 118919,
30	42	82.4	162	15	US-10-072-012-839	Sequence 839, App
31	42	82.4	171	16	US-10-767-701-47260	Sequence 47260, A
32	42	82.4	406	16	US-10-451-467A-548	Sequence 548, App
33	42	82.4	1462	14	US-10-287-218-17	Sequence 17, Appl
34	42	82.4	1462	16	US-10-408-765A-756	Sequence 756, App
35	42	82.4	1462	16	US-10-474-291-17	Sequence 17, Appl
36	41	80.4	161	15	US-10-424-599-233196	Sequence 233196,
37	41	80.4	166	14	US-10-028-072-8	Sequence 8, Appli
38	41	80.4	166	14	US-10-140-808-8	Sequence 8, Appli
39	41	80.4	166	14	US-10-121-049-8	Sequence 8, Appli
40	41	80.4	166	14	US-10-123-904-8	Sequence 8, Appli
41	41	80.4	166	14	US-10-140-470-8	Sequence 8, Appli
42	41	80.4	166	14	US-10-175-746-8	Sequence 8, Appli
43	41	80.4	166	14	US-10-176-918-8	Sequence 8, Appli
44	41	80.4	166	14	US-10-176-921-8	Sequence 8, Appli
45	41	80.4	166	14	US-10-137-865-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-10-788-016-9
; Sequence 9, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:
; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed peptide based on the peptide consisting of 9 amino acid
; OTHER INFORMATION: residues from the 91st residue to the 99th residue of
; OTHER INFORMATION: cyclophilin B
US-10-788-016-9

Query Match 100.0%; Score 51; DB 16; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 1 DYMIQGGDF 9

RESULT 2

US-10-447-161-85
; Sequence 85, Application US/10447161
; Publication No. US20040023314A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
; FILE REFERENCE: HO-P02484US1
; CURRENT APPLICATION NUMBER: US/10/447,161
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,530
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 85
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-447-161-85

Query Match 92.2%; Score 47; DB 15; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 1 DFMIQGGDF 9

RESULT 3

US-10-788-016-2
; Sequence 2, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:
; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP 2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue
; OTHER INFORMATION: to the 99th residue of cyclophilin B
US-10-788-016-2

Query Match 92.2%; Score 47; DB 16; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 1 DFMIQGGDF 9

RESULT 4

US-09-990-747-17
; Sequence 17, Application US/09990747
; Publication No. US20020081688A1
; GENERAL INFORMATION:
; APPLICANT: Kamb et al.
; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
; FILE REFERENCE: 29345/36934A
; CURRENT APPLICATION NUMBER: US/09/990,747

; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: US 60/249,468
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 08/812,994
; PRIOR FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-990-747-17

Query Match 92.2%; Score 47; DB 9; Length 64;
Best Local Similarity 88.9%; Pred. No. 0.35;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 31 DFMIQGGDF 39

RESULT 5

US-10-965-898-50
; Sequence 50, Application US/10965898
; Publication No. US20050084936A1
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; Bandman, Olga
; Hillman, Jennifer L.
; Au-Young, Janice
; Tang, Y. Tom
; Yue, Henry
; Shah, Purvi
; Guegler, Karl J.
; Corley, Neil C.
; TITLE OF INVENTION: HUMAN REGULATORY PROTEINS
; NUMBER OF SEQUENCES: 150
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/965,898
; FILING DATE: 18-Oct-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/001,403
; FILING DATE: 31-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: BILLINGS, LUCY J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0455 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: DRGLNOT01
; CLONE: 2845223


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; SEQUENCE DESCRIPTION: SEQ ID NO: 50 :
US-10-965-898-50

Query Match          92.2%; Score 47; DB 17; Length 177;
Best Local Similarity 88.9%; Pred. No. 0.98;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      71 DFMIQGGDF 79

RESULT 6
US-09-925-300-1279
; Sequence 1279, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben,
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA101
; CURRENT APPLICATION NUMBER: US/09/925,300
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1890
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1279
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-300-1279

Query Match          92.2%; Score 47; DB 9; Length 183;
Best Local Similarity 88.9%; Pred. No. 1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      77 DFMIQGGDF 85

RESULT 7
US-10-264-049-3135
; Sequence 3135, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 3135
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-3135

Query Match          92.2%; Score 47; DB 15; Length 193;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      87 DFMIQGGDF 95
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RESULT 8
US-10-767-701-39552
; Sequence 39552, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 39552
; LENGTH: 201
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23029_1.pep
US-10-767-701-39552

Query Match          92.2%; Score 47; DB 16; Length 201;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      94 DFMIQGGDF 102

RESULT 9
US-10-043-142-10
; Sequence 10, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match          92.2%; Score 47; DB 13; Length 203;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      85 DFMIQGGDF 93

RESULT 10
US-09-949-029-76
; Sequence 76, Application US/09949029
; Publication No. US20030134278A1
; GENERAL INFORMATION:
; APPLICANT: Karpen, G.H.
```

; APPLICANT: Dobie, K.W.
; APPLICANT: Kennedy, C.D.
; APPLICANT: Velasco, V.M.
; APPLICANT: McGrath, T.L.
; APPLICANT: Weko, J.
; APPLICANT: Patterson, R.W.
; TITLE OF INVENTION: Identification of chromosome inheritance modifiers in Drosophila
; TITLE OF INVENTION: melanogaster
; FILE REFERENCE: 1211.015US1
; CURRENT APPLICATION NUMBER: US/09/949,029
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US 60/231,178
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 76
; LENGTH: 205
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-949-029-76

Query Match 92.2%; Score 47; DB 10; Length 205;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 84 DFMIQGGDF 92

RESULT 11
US-10-043-142-11
; Sequence 11, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 92.2%; Score 47; DB 13; Length 207;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 90 DFMIQGGDF 98

RESULT 12
US-10-043-142-12
; Sequence 12, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128

; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 92.2%; Score 47; DB 13; Length 208;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 91 DFMIQGGDF 99

RESULT 13
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; FILE REFERENCE: 66088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2441
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match 92.2%; Score 47; DB 16; Length 208;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 91 DFMIQGGDF 99

RESULT 14
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324

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; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-631C-82

Query Match      92.2%; Score 47; DB 14; Length 210;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      99 DFMIQGGDF 107

RESULT 15
US-10-043-142-5
; Sequence 5, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match      92.2%; Score 47; DB 13; Length 212;
Best Local Similarity 88.9%; Pred. No. 1.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      90 DFMIQGGDF 98

RESULT 16
US-10-437-963-182068
; Sequence 182068, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 182068
; LENGTH: 227
; TYPE: PRT
; ORGANISM: Oryza sativa
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; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(227)
; OTHER INFORMATION: unsure at all xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_79291C.1.pep
US-10-437-963-182068

Query Match      92.2%; Score 47; DB 16; Length 227;
Best Local Similarity 88.9%; Pred. No. 1.3;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      132 DFMIQGGDF 140

RESULT 17
US-10-767-701-45224
; Sequence 45224, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 45224
; LENGTH: 249
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1368_1.pep
US-10-767-701-45224

Query Match      92.2%; Score 47; DB 16; Length 249;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
      |:|||||
Db      140 DFMIQGGDF 148

RESULT 18
US-10-437-963-119297
; Sequence 119297, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 119297
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22527C.1.pep
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US-10-437-963-119297

Query Match 92.2%; Score 47; DB 16; Length 250;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
Db 141 DFMIQGGDF 149

RESULT 19

US-10-424-599-181872
; Sequence 181872, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181872
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135244C.1.pap
US-10-424-599-181872

Query Match 92.2%; Score 47; DB 15; Length 251;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
Db 142 DFMIQGGDF 150

RESULT 20

US-10-425-114-43590
; Sequence 43590, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 43590
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 700764581_FLI.pap
US-10-425-114-43590

Query Match 92.2%; Score 47; DB 15; Length 252;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9

Db 143 DFMIQGGDF 151

RESULT 21

US-10-424-599-181874
; Sequence 181874, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 181874
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_135246C.1.pap
US-10-424-599-181874

Query Match 92.2%; Score 47; DB 15; Length 253;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
Db 144 DFMIQGGDF 152

RESULT 22

US-10-425-114-38247
; Sequence 38247, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 38247
; LENGTH: 256
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3079-016-H6_FLI.pap
US-10-425-114-38247

Query Match 92.2%; Score 47; DB 15; Length 256;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
Db 147 DFMIQGGDF 155

RESULT 23

US-10-424-599-214442
; Sequence 214442, Application US/10424599

; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 214442
; LENGTH: 260
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_35669C.1.pep
US-10-424-599-214442

Query Match 92.2%; Score 47; DB 15; Length 260;
Best Local Similarity 88.9%; Pred. No. 1.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 150 DFMIQGGDF 158

RESULT 24

US-09-925-301-1323
; Sequence 1323, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (30)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (57)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match 92.2%; Score 47; DB 9; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.6;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 174 DFMIQGGDF 182

RESULT 25

US-10-264-049-2974
; Sequence 2974, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133PI
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2974
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match 92.2%; Score 47; DB 15; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.6;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGDF 9
|:|||||
Db 174 DFMIQGGDF 182

RESULT 26

US-10-466-164-63
; Sequence 63, Application US/10466164
; Publication No. US20040058365A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE CORPORATION; PANZER, Scott R.;
; APPLICANT: LINCOLN, Stephen E.; ALTUS, Christina M.;
; APPLICANT: DUFOUR, Gerard E.; JACKSON, Jennifer L.;
; APPLICANT: JONES, Anissa L.; DAM, Tam C.;
; APPLICANT: LIU, Tommy F.; HARRIS, Bernard;
; APPLICANT: FLORES, Vincent Z.; DAFFO, Abel;
; APPLICANT: MARWAHA, Rakesh; CHEN, Alice J.;
; APPLICANT: CHANG, Simon C.; GERSTIN, Jr., Edward H.;
; APPLICANT: PERALTA, Careyna H.; DAVID, Marie H.;
; APPLICANT: LEWIS, Samantha A.
; TITLE OF INVENTION: MOLECULES FOR DISEASE DETECTION AND TREATMENT
; FILE REFERENCE: PT-1215 PCT
; CURRENT APPLICATION NUMBER: US/10/466,164
; CURRENT FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCT/US02/01008
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: US 60/261,865
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: US 60/263,065
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/263,329
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/262,209
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/262,208
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/262,326
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US 60/263,063
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/261,622
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PERL Program
; SEQ ID NO 63
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20040058365A1 LI:1072276.1.orf1:2001JAN12
US-10-466-164-63

```
Query Match      90.2%; Score 46; DB 15; Length 136;
Best Local Similarity 77.8%; Pred. No. 1.1;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      41 DFMVQGGDF 49

RESULT 27
US-10-153-668-254
; Sequence 254, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: JP 2001-313175
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 488
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 254
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-153-668-254

Query Match      90.2%; Score 46; DB 14; Length 754;
Best Local Similarity 77.8%; Pred. No. 6.3;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      71 DFMVQGGDF 79

RESULT 28
US-10-424-599-236857
; Sequence 236857, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 236857
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep
US-10-424-599-236857
```

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Query Match      88.2%; Score 45; DB 15; Length 211;
Best Local Similarity 77.8%; Pred. No. 2.7;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      100 DFMLQGGDF 108

RESULT 29
US-10-437-963-118919
; Sequence 118919, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 118919
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_22185C.1.pep
US-10-437-963-118919

Query Match      86.3%; Score 44; DB 16; Length 203;
Best Local Similarity 77.8%; Pred. No. 4;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 DYMIQGGDF 9
Db      96 DFMIQGGDY 104

RESULT 30
US-10-072-012-839
; Sequence 839, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
```

; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR APPLICATION NUMBER: 2002-01-31
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 839
; LENGTH: 162
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclophilin
; OTHER INFORMATION: type peptidyl-prolyl cis-trans isomerase Consensus
; OTHER INFORMATION: Sequence
US-10-072-012-839

Query Match 82.4%; Score 42; DB 15; Length 162;
Best Local Similarity 77.8%; Pred. No. 7.4;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 56 NFMIQGGDF 64

RESULT 31
US-10-767-701-47260
; Sequence 47260, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 47260
; LENGTH: 171
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep
US-10-767-701-47260

Query Match 82.4%; Score 42; DB 16; Length 171;
Best Local Similarity 77.8%; Pred. No. 7.8;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 66 DFMCQGGDF 74

RESULT 32
US-10-451-467A-548
; Sequence 548, Application US/10451467A
; Publication No. US20040161840A1
; GENERAL INFORMATION:
; APPLICANT: CONTRERAS, ROLAND HENRI
; APPLICANT: EBERHARDT, INES
; APPLICANT: LUYTEN, WALTER HERMAN MARIA LOUIS
; APPLICANT: REEKMANS, RIEKA JOSEPHINA
; TITLE OF INVENTION: BAX-RESPONSIVE GENES FOR DRUG TARGET IDENTIFICATION IN
; TITLE OF INVENTION: YEAST AND FUNGI
; FILE REFERENCE: JAB-1667
; CURRENT APPLICATION NUMBER: US/10/451,467A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: EP 00870318.3
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: EP 01870002.1
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: EP 01870003.9
; PRIOR FILING DATE: 2001-01-09
; NUMBER OF SEQ ID NOS: 732
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 548
; LENGTH: 406
; TYPE: PRT
; ORGANISM: Candida albicans
US-10-451-467A-548

Query Match 82.4%; Score 42; DB 16; Length 406;
Best Local Similarity 77.8%; Pred. No. 18;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
Db 104 DFMCQGGDF 112

RESULT 33
US-10-287-218-17
; Sequence 17, Application US/10287218
; Publication No. US20030198975A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: AZIMZAI, yalda; AU-YOUNG, Janice K.
; APPLICANT: BATRA, Sajeev; BAUGHN, Mariah R.
; APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.
; APPLICANT: BUFORD, Neil; DING, Li
; APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.
; APPLICANT: GANDHI, Ameena R.; GIETZEN, Kimberly J.
; APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.
; APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.
; APPLICANT: LEE, Soo Yeun; LU, Dyung Aina M.
; APPLICANT: ARVIZU, Chandra S.; RAMKUMAR, Jayalaxmi
; APPLICANT: REDDY, Roopa; SANTANWALA, Madhu, M.
; APPLICANT: TANG, Y. Tom; WALIA, Narinder K.
; APPLICANT: WANG, Yu-mei, E.; WARREN, Bridget A.
; APPLICANT: XU, Yuming; YANG, Junming
; APPLICANT: YAO, Monique G.; YUE, Henry
; APPLICANT: ZEBARJADIAN, Yeganeh
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PI-0417 USA
; CURRENT APPLICATION NUMBER: US/10/287,218
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: PCT/US02/11152
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/349,705
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/295,263


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; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/295,340
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/293,727
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/291,846
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/291,662
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: US 60/287,228
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/286,820
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/283,294
; PRIOR FILING DATE: 2001-04-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 17
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20030198975A1 5734806CD1
US-10-287-218-17

Query Match      82.4%; Score 42; DB 14; Length 1462;
Best Local Similarity 77.8%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DYMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 34
US-10-408-765A-756
; Sequence 756, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 756
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-756

Query Match      82.4%; Score 42; DB 16; Length 1462;
Best Local Similarity 77.8%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DYMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 35
US-10-474-291-17
; Sequence 17, Application US/10474291
```

```
; Publication No. US20040132043A1
; GENERAL INFORMATION:
; APPLICANT: AZIMZAI, Valda; AU-YOUNG, Janice K.
; APPLICANT: BATRA, Sajeev; BAUGHN, Mariah R.
; APPLICANT: BECHA, Shanya D.; BOROWSKY, Mark L.
; APPLICANT: BURFORD, Neil; DING, Li
; APPLICANT: ELLIOTT, Vicki S.; EMERLING, Brooke M.
; APPLICANT: GANDHI, Ameena R.; GIETZEN, Kimberly J.
; APPLICANT: GRIFFIN, Jennifer A.; HAFALIA, April J.A.
; APPLICANT: HONCHELL, Cynthia D.; LAL, Preeti G.
; APPLICANT: LEE, Soo Yeun; LU, Dyung Aina M.
; APPLICANT: ARVIZU, Chandra S.; SANJANWALA, Jayalaxmi
; APPLICANT: REDDY, Roopa M.; SANJANWALA, Madhusudan M.
; APPLICANT: TANG, Y. Tom; CHAWLA, Narinder K.
; APPLICANT: WANG, Yu-Mei E.; WARREN, Bridget A.
; APPLICANT: XU, Yuming; YANG, Junming
; APPLICANT: YAO, Monique G.; YUE, Henry
; APPLICANT: ZEBARJADIAN, Yeganeh
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PI-0417 USN
; CURRENT APPLICATION NUMBER: US/10/474,291
; CURRENT FILING DATE: 2003-10-06
; PRIOR APPLICATION NUMBER: PCT/US02/11152
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: US 60/349,705
; PRIOR FILING DATE: 2002-01-15
; PRIOR APPLICATION NUMBER: US 60/295,263
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/295,340
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/293,727
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/291,846
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/291,662
; PRIOR FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: US 60/287,228
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: US 60/286,820
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/283,294
; PRIOR FILING DATE: 2001-04-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 17
; LENGTH: 1462
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 5734806CD1
US-10-474-291-17

Query Match      82.4%; Score 42; DB 16; Length 1462;
Best Local Similarity 77.8%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DYMIQGGDF 9
Db      70 NFMIQGGDF 78

RESULT 36
US-10-424-599-233196
; Sequence 233196, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
```


; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 233196
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_525C.1.pep
US-10-424-599-233196

Query Match 80.4%; Score 41; DB 15; Length 161;
Best Local Similarity 77.8%; Pred. No. 11;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 DYMIQGGDF 9
|:|||||
Db 87 DFMIQAGDF 95

RESULT 37

US-10-028-072-8
; Sequence 8, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang

; TITLE OF INVENTION:

; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285

; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27

; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
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; PRIOR APPLICATION NUMBER: 60/090445
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; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360

; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGD 8
|:|||||
Db 59 DFMIQGGD 66

RESULT 38
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DYMIQGGD 8
|:|||||
Db 59 DFMIQGGD 66

RESULT 39
US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-8

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGD 8
|:|||||
Db 59 DFMIQGGD 66

RESULT 40
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-8

Query Match 80.4%; Score 41; DB 14; Length 166;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DYMIQGGD 8
|:|||||
Db 59 DFMIQGGD 66

Search completed: May 31, 2005, 12:39:25
Job time : 44.2857 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-39
Perfect score: 50
Sequence: 1 KYHRVIKDF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	46	92.0	126	2 US-08-482-728A-10	Sequence 10, Appl
2	46	92.0	126	2 US-08-482-728A-11	Sequence 11, Appl
3	46	92.0	166	4 US-09-513-999C-4171	Sequence 4171, Ap
4	46	92.0	203	4 US-10-043-142-10	Sequence 10, Appl
5	46	92.0	203	4 US-09-806-399-10	Sequence 10, Appl
6	46	92.0	207	4 US-10-043-142-11	Sequence 11, Appl
7	46	92.0	207	4 US-09-806-399-11	Sequence 11, Appl
8	46	92.0	208	1 US-08-142-897-7	Sequence 7, Appli
9	46	92.0	208	4 US-10-043-142-12	Sequence 12, Appl
10	46	92.0	208	4 US-09-806-399-12	Sequence 12, Appl
11	46	92.0	208	4 US-09-538-092-994	Sequence 994, App
12	46	92.0	212	4 US-09-538-092-1126	Sequence 1126, Ap
13	45	90.0	113	4 US-09-513-999C-8064	Sequence 8064, Ap
14	43	86.0	650	4 US-09-583-110-3221	Sequence 3221, Ap
15	43	86.0	650	4 US-09-107-433-3515	Sequence 3515, Ap
16	41	82.0	114	4 US-09-270-767-32732	Sequence 32732, A
17	41	82.0	114	4 US-09-270-767-47949	Sequence 47949, A
18	41	82.0	184	4 US-09-949-016-7506	Sequence 7506, Ap
19	41	82.0	212	1 US-08-142-897-5	Sequence 5, Appli
20	41	82.0	212	4 US-10-043-142-5	Sequence 5, Appli
21	41	82.0	212	4 US-09-806-399-5	Sequence 5, Appli
22	41	82.0	246	4 US-09-248-796A-19779	Sequence 19779, A
23	41	82.0	274	4 US-09-107-532A-4964	Sequence 4964, Ap
24	41	82.0	371	4 US-09-538-092-548	Sequence 548, App
25	41	82.0	407	4 US-09-248-796A-19586	Sequence 19586, A
26	40	80.0	466	4 US-09-583-110-3345	Sequence 3345, Ap
27	40	80.0	472	4 US-09-107-433-4470	Sequence 4470, Ap

28	40	80.0	754	4 US-09-976-594-375	Sequence 375, App
29	40	80.0	760	4 US-09-949-016-11129	Sequence 11129, A
30	39	78.0	412	4 US-09-902-540-11614	Sequence 11614, A
31	38	76.0	123	2 US-08-482-728A-6	Sequence 6, Appli
32	38	76.0	193	4 US-09-543-681A-4479	Sequence 4479, Ap
33	38	76.0	205	4 US-10-138-701-38	Sequence 38, Appl
34	38	76.0	214	4 US-09-632-553-1	Sequence 1, Appli
35	38	76.0	523	2 US-08-482-728A-19	Sequence 19, Appl
36	38	76.0	523	3 US-09-028-366-4	Sequence 4, Appli
37	38	76.0	523	4 US-09-715-285-4	Sequence 4, Appli
38	37	74.0	186	4 US-09-270-767-33856	Sequence 33856, A
39	37	74.0	186	4 US-09-270-767-49073	Sequence 49073, A
40	37	74.0	194	4 US-09-538-092-104	Sequence 104, App
41	37	74.0	527	3 US-09-028-366-2	Sequence 2, Appli
42	37	74.0	527	3 US-09-028-366-3	Sequence 3, Appli
43	37	74.0	527	4 US-09-715-285-2	Sequence 2, Appli
44	37	74.0	527	4 US-09-715-285-3	Sequence 3, Appli
45	36	72.0	176	1 US-08-145-995A-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-10

Query Match 92.0%; Score 46; DB 2; Length 126;
Best Local Similarity 88.9%; Pred. No. 0.2;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 KYHRVIKDF 9
|:|||||

Db 35 KFHVRVIXDF 43

RESULT 2

US-08-482-728A-11

; Sequence 11, Application US/08482728A

; Patent No. 5968802

; GENERAL INFORMATION:

; APPLICANT: Wang, Bruce

; APPLICANT: Fisher, Joseph

; APPLICANT: Payan, Donald

; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin

; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Flehr, Hobbach, Test, Albritton

; ADDRESSEE: & Herbert

; STREET: Four Embarcadero Center, Suite 3400

; CITY: San Francisco

; STATE: California

; COUNTRY: United States

; ZIP: 94111-4187

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/482,728A

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Silva, Robin M.

; REGISTRATION NUMBER: 38,304

; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 781-1989

; TELEFAX: (415) 398-3249

; TELEX: 910 277299

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 126 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

US-08-482-728A-11

Query Match 92.0%; Score 46; DB 2; Length 126;

Best Local Similarity 88.9%; Pred. No. 0.2;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9

Db 35 KFHVRVIXDF 43

RESULT 3

US-09-513-999C-4171

; Sequence 4171, Application US/09513999C

; Patent No. 6783961

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert, A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6783961

; FILE REFERENCE: 59.US2.REG

; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26

; NUMBER OF SEQ ID NOS: 36681

; SOFTWARE: Patent.pm

; SEQ ID NO 4171

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -33..-1

; OTHER INFORMATION: score 9.9

; OTHER INFORMATION: seq SVFFLLLPGPSAA/DE

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 116

; OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 126

; OTHER INFORMATION: Xaa= * or Ser

US-09-513-999C-4171

Query Match 92.0%; Score 46; DB 4; Length 166;

Best Local Similarity 88.9%; Pred. No. 0.27;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9

Db 92 KFHVRVIXDF 100

RESULT 4

US-10-043-142-10

; Sequence 10, Application US/10043142

; Patent No. 6607904

; GENERAL INFORMATION:

; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.

; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES

; FILE REFERENCE: 078883/0128

; CURRENT APPLICATION NUMBER: US/10/043,142

; CURRENT FILING DATE: 2002-01-14

; PRIOR APPLICATION NUMBER: 09/806,399

; PRIOR FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669

; PRIOR FILING DATE: 1999-09-30

; PRIOR APPLICATION NUMBER: GB 9821198.0

; PRIOR FILING DATE: 1998-09-30

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 10

; LENGTH: 203

; TYPE: PRT

; ORGANISM: Orpinomyces sp.

US-10-043-142-10

Query Match 92.0%; Score 46; DB 4; Length 203;

Best Local Similarity 88.9%; Pred. No. 0.32;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KFHVRVIXDF 9

Db 78 KFHVRVIXDF 86

RESULT 5

US-09-806-399-10

; Sequence 10, Application US/09806399

; Patent No. 6638737

; GENERAL INFORMATION:

; APPLICANT: DERKX, PATRICK M.F.

; APPLICANT: MADRID, SUSAN M.

; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES

; FILE REFERENCE: 078883/0128

; CURRENT APPLICATION NUMBER: US/09/806,399

; CURRENT FILING DATE: 2002-03-30

; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-09-806-399-10

Query Match 92.0%; Score 46; DB 4; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.32;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|||||
Db 78 KFHVRVIKDF 86

RESULT 6

US-10-043-142-11
; Sequence 11, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match 92.0%; Score 46; DB 4; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.33;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|||||
Db 83 KFHVRVIKDF 91

RESULT 7

US-09-806-399-11
; Sequence 11, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11

; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

Query Match 92.0%; Score 46; DB 4; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.33;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|||||
Db 83 KFHVRVIKDF 91

RESULT 8

US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-7

Query Match 92.0%; Score 46; DB 1; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.33;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|||||
Db 84 KFHVRVIKDF 92

RESULT 9

US-10-043-142-12

```
; Sequence 12, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-043-142-12

Query Match          92.0%; Score 46; DB 4; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.33;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      84 KFHVRVVKDF 92

RESULT 10
US-09-806-399-12
; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-806-399-12

Query Match          92.0%; Score 46; DB 4; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.33;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      84 KFHVRVVKDF 92

RESULT 11
US-09-538-092-994
; Sequence 994, Application US/09513999C
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542

Query Match          92.0%; Score 46; DB 4; Length 212;
Best Local Similarity 88.9%; Pred. No. 0.34;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      86 KFHVRVVKDF 94

RESULT 12
US-09-538-092-1126
; Sequence 1126, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 1126
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P45877
; US-09-538-092-1126

Query Match          92.0%; Score 46; DB 4; Length 212;
Best Local Similarity 88.9%; Pred. No. 0.34;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      86 KFHVRVVKDF 94

RESULT 13
US-09-513-999C-8064
; Sequence 8064, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
```


FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 8064
LENGTH: 113
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: UNSURE
LOCATION: 36
OTHER INFORMATION: Xaa=Cys or Ser
FEATURE:
NAME/KEY: UNSURE
LOCATION: 51
OTHER INFORMATION: Xaa=Pro or Thr
FEATURE:
NAME/KEY: UNSURE
LOCATION: 108
OTHER INFORMATION: Xaa=Leu or Met or Val
US-09-513-999C-8064

Query Match 90.0%; Score 45; DB 4; Length 113;
Best Local Similarity 77.8%; Pred. No. 0.28;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIKDF 60

RESULT 14

US-09-583-110-3221
Sequence 3221, Application US/09583110
Patent No. 6699703
GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al.
TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
FILE REFERENCE: PATH00-07A

CURRENT APPLICATION NUMBER: US/09/583,110
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/107,433
PRIOR FILING DATE: 1998-06-30
PRIOR APPLICATION NUMBER: US 60/085,131
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
SEQ ID NO 3221
LENGTH: 650
TYPE: PRT

ORGANISM: Streptococcus pneumoniae
US-09-583-110-3221

Query Match 86.0%; Score 43; DB 4; Length 650;
Best Local Similarity 66.7%; Pred. No. 3.7;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|
Db 87 KYHRLVRDF 95

RESULT 15

US-09-107-433-3515
Sequence 3515, Application US/09107433
Patent No. 6800744
GENERAL INFORMATION:

APPLICANT: Lynn A Doucette-Stamm and David Bush

TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE
THERAPEUTICS

NUMBER OF SEQUENCES: 5206
CORRESPONDENCE ADDRESS:

ADDRESSEE: GENOME THERAPEUTICS CORPORATION
STREET: 100 Beaver Street
CITY: Waltham
STATE: Massachusetts
COUNTRY: USA
ZIP: 02354

COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: <Unknown>
OPERATING SYSTEM: <Unknown>
SOFTWARE: <Unknown>

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,433
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/ 085131
FILING DATE: May 12, 1998
APPLICATION NUMBER: 60/051553
FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277

INFORMATION FOR SEQ ID NO: 3515:
SEQUENCE CHARACTERISTICS:
LENGTH: 650 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:

ORGANISM: Streptococcus pneumoniae
FEATURE:

NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...650
SEQUENCE DESCRIPTION: SEQ ID NO: 3515:
US-09-107-433-3515

Query Match 86.0%; Score 43; DB 4; Length 650;
Best Local Similarity 66.7%; Pred. No. 3.7;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|
Db 87 KYHRLVRDF 95

RESULT 16

US-09-270-767-32732
Sequence 32732, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:

APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 32732
LENGTH: 114
TYPE: PRT

ORGANISM: Drosophila melanogaster
FEATURE:
OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-32732

Query Match 82.0%; Score 41; DB 4; Length 114;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 84 FHRVIKDF 91

RESULT 17

US-09-270-767-47949
; Sequence 47949, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 47949
; LENGTH: 114
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-47949

Query Match 82.0%; Score 41; DB 4; Length 114;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 84 FHRVIKDF 91

RESULT 18

US-09-949-016-7506
; Sequence 7506, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7506
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7506

Query Match 82.0%; Score 41; DB 4; Length 184;
Best Local Similarity 87.5%; Pred. No. 2.6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 72 FHRVIKDF 79

RESULT 19

US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 212 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-5

Query Match 82.0%; Score 41; DB 1; Length 212;
Best Local Similarity 87.5%; Pred. No. 2.9;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 87 FHRVIKDF 94

RESULT 20

US-10-043-142-5
; Sequence 5, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0

; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match 82.0%; Score 41; DB 4; Length 212;
Best Local Similarity 87.5%; Pred. No. 2.9;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
:|||||
Db 84 FHRVIKDF 91

RESULT 21
US-09-806-399-5
; Sequence 5, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKK, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-806-399-5

Query Match 82.0%; Score 41; DB 4; Length 212;
Best Local Similarity 87.5%; Pred. No. 2.9;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
:|||||
Db 84 FHRVIKDF 91

RESULT 22
US-09-248-796A-19779
; Sequence 19779, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19779
; LENGTH: 246
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19779

Query Match 82.0%; Score 41; DB 4; Length 246;

Best Local Similarity 87.5%; Pred. No. 3.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
:|||||
Db 120 FHRVIKDF 127

RESULT 23
US-107-107-532A-4964
; Sequence 4964, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD/ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneka
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4964:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 274 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...274
; SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
US-107-107-532A-4964

Query Match 82.0%; Score 41; DB 4; Length 274;
Best Local Similarity 87.5%; Pred. No. 3.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 YHRVIKDF 9
:|||||
Db 132 FHRVIKDF 139

RESULT 24
US-09-538-092-548
; Sequence 548, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:

```

; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 548
; LENGTH: 371
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YLR216C
US-09-538-092-548

Query Match      82.0%; Score 41; DB 4; Length 371;
Best Local Similarity 87.5%; Pred. No. 5.1;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      :|||||
Db      62 FHRVIKDF 69

RESULT 25
US-09-248-796A-19586
; Sequence 19586, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19586
; LENGTH: 407
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match      82.0%; Score 41; DB 4; Length 407;
Best Local Similarity 87.5%; Pred. No. 5.6;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      :|||||
Db      99 FHRVIKDF 106

RESULT 26
US-09-583-110-3345
; Sequence 3345, Application US/09583110
; Patent No. 6699703
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al.
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; FILE REFERENCE: PATH00-07A
; CURRENT APPLICATION NUMBER: US/09/583,110
; CURRENT FILING DATE: 2000-05-26
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; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5322
; SEQ ID NO 3345
; LENGTH: 466
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-09-583-110-3345

Query Match      80.0%; Score 40; DB 4; Length 466;
Best Local Similarity 75.0%; Pred. No. 9.9;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      :||:||||
Db      325 FHRIIKDF 332

RESULT 27
US-09-107-433-4470
; Sequence 4470, Application US/09107433
; Patent No. 6800744
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE
; THERAPEUTICS
; NUMBER OF SEQUENCES: 5206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: <Unknown>
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: <Unknown>
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,433
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/ 085131
; FILING DATE: May 12, 1998
; APPLICATION NUMBER: 60/051553
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...472
; SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
US-09-107-433-4470
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Query Match 80.0%; Score 40; DB 4; Length 472;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 331 FHRVVKDF 338

RESULT 28
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Buchbinder, Jenny
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: 2001-10-12
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 375
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
US-09-976-594-375

Query Match 80.0%; Score 40; DB 4; Length 754;
Best Local Similarity 75.0%; Pred. No. 16;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 65 FHRVVKDF 72

RESULT 29
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11129
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11129

Query Match 80.0%; Score 40; DB 4; Length 760;
Best Local Similarity 75.0%; Pred. No. 16;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9

Db 71 FHRVVKDF 78
:|||||

RESULT 30
US-09-902-540-11614
; Sequence 11614, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 11614
; LENGTH: 412
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-11614

Query Match 78.0%; Score 39; DB 4; Length 412;
Best Local Similarity 75.0%; Pred. No. 13;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2 YHRVIKDF 9
:|||||
Db 46 YHRVVSDF 53

RESULT 31
US-08-482-728A-6
; Sequence 6, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJTB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids

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; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-6

Query Match      76.0%; Score 38; DB 2; Length 123;
Best Local Similarity 66.7%; Pred. No. 6.3;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |||:|:|
Db      32 KFHRLIKNF 40

RESULT 32
US-09-543-681A-4479
; Sequence 4479, Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 4479
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-4479

Query Match      76.0%; Score 38; DB 4; Length 193;
Best Local Similarity 75.0%; Pred. No. 9.9;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 KYHRVIKD 8
      |||:|:|
Db      160 KYHHIKD 167

RESULT 33
US-10-138-701-38
; Sequence 38, Application US/10138701
; Patent No. 6753149
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc. et al.
; TITLE OF INVENTION: Staphylococcus aureus genes and polypeptides
; FILE REFERENCE: PB484
; CURRENT APPLICATION NUMBER: US/10/138,701
; CURRENT FILING DATE: 2002-05-06
; PRIOR APPLICATION NUMBER: US/09/512,255A
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/098,964
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: US 60/009,861
; PRIOR FILING DATE: 1996-01-05
; PRIOR APPLICATION NUMBER: PCT/ US99/19726
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: US 08/956,171
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 205
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-10-138-701-38

Query Match      76.0%; Score 38; DB 4; Length 205;

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Best Local Similarity 62.5%; Pred. No. 10;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      |||:|:|
Db      23 YHRLVKDY 30

RESULT 34
US-09-632-553-1
; Sequence 1, Application US/09632553
; Patent No. 6689595
; GENERAL INFORMATION:
; APPLICANT: Pharmacia & Upjohn
; TITLE OF INVENTION: Crystallization and Structure Determination of
; TITLE OF INVENTION: Staphylococcus aureus Thymidylate Kinase
; FILE REFERENCE: 6245.NCP
; CURRENT APPLICATION NUMBER: US/09/632,553
; CURRENT FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: 60/147,117
; PRIOR FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 214
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Recombinant
; OTHER INFORMATION: Staphylococcus aureus thymidylate kinase with
; OTHER INFORMATION: 6-His tag
US-09-632-553-1

Query Match      76.0%; Score 38; DB 4; Length 214;
Best Local Similarity 62.5%; Pred. No. 11;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      |||:|:|
Db      24 YHRLVKDY 31

RESULT 35
US-08-482-728A-19
; Sequence 19, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Pavan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS

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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 523 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-19

Query Match 76.0%; Score 38; DB 2; Length 523;
Best Local Similarity 66.7%; Pred. No. 26;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:
Db 320 KFHRLIKNF 328

RESULT 36
US-09-028-366-4
Sequence 4, Application US/09028366
Patent No. 6150501
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: MA, DONG
HONG, XIQIANG
TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
CYCLOPHILIN AND RELATED METHODS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: New England Biolabs, Inc.
STREET: 32 Tozer Road
CITY: Beverly
STATE: MA
COUNTRY: US
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/028,366
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-133
TELECOMMUNICATION INFORMATION:
TELEPHONE: 978-927-5054
TELEFAX: 978-927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 523 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-028-366-4

Query Match 76.0%; Score 38; DB 3; Length 523;
Best Local Similarity 66.7%; Pred. No. 26;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:
Db 320 KFHRLIKNF 328
RESULT 37
US-09-715-285-4
Sequence 4, Application US/09715285
Patent No. 6649395
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
HONG, XIQIANG
MA, DONG
TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
CYCLOPHILIN AND RELATED METHODS
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: New England Biolabs, Inc.
STREET: 32 Tozer Road
CITY: Beverly
STATE: MA
COUNTRY: US
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/715,285
FILING DATE: 17-NO. 6649395-2000
CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/028,366
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-133
TELECOMMUNICATION INFORMATION:
TELEPHONE: 978-927-5054
TELEFAX: 978-927-1705
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 523 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-715-285-4

Query Match 76.0%; Score 38; DB 4; Length 523;
Best Local Similarity 66.7%; Pred. No. 26;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:
Db 320 KFHRLIKNF 328

RESULT 38
US-09-270-767-33856
Sequence 33856, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33856
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-33856

Query Match      74.0%; Score 37; DB 4; Length 186;
Best Local Similarity 62.5%; Pred. No. 15;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      :||:|:|
Db      72 FHRIIRDF 79

RESULT 39
US-09-270-767-49073
; Sequence 49073, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49073
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-49073

Query Match      74.0%; Score 37; DB 4; Length 186;
Best Local Similarity 62.5%; Pred. No. 15;
Matches 5; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      2 YHRVIKDF 9
      :||:|:|
Db      72 FHRIIRDF 79

RESULT 40
US-09-538-092-104
; Sequence 104, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 104
; LENGTH: 194
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YDL098C
US-09-538-092-104

Query Match      74.0%; Score 37; DB 4; Length 194;
Best Local Similarity 75.0%; Pred. No. 15;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
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QY      2 YHRVIKDF 9
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Db      135 YHNLIKDF 142
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Job time : 20.4286 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-39

Perfect score: 50

Sequence: 1 KYHRVIKDF 9

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Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
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- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
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- 17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	46	92.0	9	15 US-10-447-161-84	Sequence 84, Appl
2	46	92.0	9	16 US-10-788-016-1	Sequence 1, Appli
3	46	92.0	64	9 US-09-990-747-17	Sequence 17, Appl
4	46	92.0	203	13 US-10-043-142-10	Sequence 10, Appl
5	46	92.0	207	13 US-10-043-142-11	Sequence 11, Appl
6	46	92.0	208	13 US-10-043-142-12	Sequence 12, Appl
7	46	92.0	208	16 US-10-408-765A-2441	Sequence 2441, Ap
8	46	92.0	210	14 US-10-002-631C-82	Sequence 82, Appl
9	46	92.0	291	9 US-09-925-301-1323	Sequence 1323, Ap
10	46	92.0	291	15 US-10-264-049-2974	Sequence 2974, Ap
11	45	90.0	165	15 US-10-424-599-209631	Sequence 209631,
12	45	90.0	166	14 US-10-028-072-8	Sequence 8, Appli
13	45	90.0	166	14 US-10-140-808-8	Sequence 8, Appli

14	45	90.0	166	14	US-10-121-049-8	Sequence 8, Appli
15	45	90.0	166	14	US-10-123-904-8	Sequence 8, Appli
16	45	90.0	166	14	US-10-140-470-8	Sequence 8, Appli
17	45	90.0	166	14	US-10-175-746-8	Sequence 8, Appli
18	45	90.0	166	14	US-10-176-918-8	Sequence 8, Appli
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21	45	90.0	166	14	US-10-140-474-8	Sequence 8, Appli
22	45	90.0	166	14	US-10-142-431-8	Sequence 8, Appli
23	45	90.0	166	14	US-10-143-114-8	Sequence 8, Appli
24	45	90.0	166	14	US-10-142-419-8	Sequence 8, Appli
25	45	90.0	166	14	US-10-123-262-8	Sequence 8, Appli
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40	45	90.0	166	14	US-10-140-925-8	Sequence 8, Appli
41	45	90.0	166	14	US-10-160-498-8	Sequence 8, Appli
42	45	90.0	166	14	US-10-124-824-8	Sequence 8, Appli
43	45	90.0	166	14	US-10-127-825A-8	Sequence 8, Appli
44	45	90.0	166	14	US-10-127-829A-8	Sequence 8, Appli
45	45	90.0	166	14	US-10-127-835A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-10-447-161-84
; Sequence 84, Application US/10447161
; Publication No. US20040023314A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
; FILE REFERENCE: HO-P02484US1
; CURRENT APPLICATION NUMBER: US/10/447,161
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,530
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-447-161-84

Query Match 92.0%; Score 46; DB 15; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
Db 1 KFHRRVIKDF 9

RESULT 2
US-10-788-016-1
; Sequence 1, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:

```
; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JPO2/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 84th residue
; OTHER INFORMATION: to the 92nd residue of cyclophilin B
US-10-788-016-1

Query Match      92.0%; Score 46; DB 16; Length 9;
Best Local Similarity 88.9%; Pred. No. 1.3e+06;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      1 KHRVIKDF 9
      |:|||||

RESULT 3
US-09-990-747-17
; Sequence 17, Application US/09990747
; Publication No. US20020081688A1
; GENERAL INFORMATION:
; APPLICANT: Kamb et al.
; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
; FILE REFERENCE: 29345/36934A
; CURRENT APPLICATION NUMBER: US/09/990,747
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: US 60/249,468
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 08/812,994
; PRIOR FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-990-747-17

Query Match      92.0%; Score 46; DB 9; Length 64;
Best Local Similarity 88.9%; Pred. No. 0.22;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      24 KHRVIKDF 32
      |:|||||

RESULT 4
US-10-043-142-10
; Sequence 10, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12

Query Match      92.0%; Score 46; DB 13; Length 203;
Best Local Similarity 88.9%; Pred. No. 0.75;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      78 KHRVIKDF 86
      |:|||||

RESULT 5
US-10-043-142-11
; Sequence 11, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match      92.0%; Score 46; DB 13; Length 207;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
Db      83 KHRVIKDF 91
      |:|||||

RESULT 6
US-10-043-142-12
; Sequence 12, Application US/10043142
; Publication No. US20020150969A1
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 92.0%; Score 46; DB 13; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|||||
Db 84 KFHRVIKDF 92

RESULT 7
US-10-408-765A-2441
; Sequence 2441, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2441
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-2441

Query Match 92.0%; Score 46; DB 16; Length 208;
Best Local Similarity 88.9%; Pred. No. 0.77;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|||||
Db 84 KFHRVIKDF 92

RESULT 8
US-10-002-631C-82
; Sequence 82, Application US/10002631C
; Publication No. US20030157486A1
; GENERAL INFORMATION:
; APPLICANT: Graff, Jonathon M.
; APPLICANT: Muenster, Matthew
; TITLE OF INVENTION: METHODS TO IDENTIFY SIGNAL SEQUENCES
; FILE REFERENCE: A34943 090495.0243
; CURRENT APPLICATION NUMBER: US/10/002,631C
; CURRENT FILING DATE: 2001-10-31
; PRIOR APPLICATION NUMBER: 60/300,309
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 82
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-631C-82

Query Match 92.0%; Score 46; DB 14; Length 210;
Best Local Similarity 88.9%; Pred. No. 0.78;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 1 KYHRVIKDF 9
|:|||||
Db 92 KFHRVIKDF 100

RESULT 9
US-09-925-301-1323
; Sequence 1323, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1323
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (30)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (57)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1323

Query Match 92.0%; Score 46; DB 9; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|||||
Db 167 KFHRVIKDF 175

RESULT 10
US-10-264-049-2974
; Sequence 2974, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 2974
; LENGTH: 291
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-2974

Query Match 92.0%; Score 46; DB 15; Length 291;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|||||

```
Db          167 KHRVIKDF 175
;
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
;

RESULT 11
US-10-424-599-209631
; Sequence 209631, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 209631
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_31324C.1.pep
US-10-424-599-209631

Query Match          90.0%; Score 45; DB 15; Length 165;
Best Local Similarity 77.8%; Pred. No. 0.94;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:::|
Db      51 KFHRIKDF 59

US-10-028-072-8
; Sequence 8, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
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; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18

; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRRIKDF 60

RESULT 13

US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRRIKDF 60

RESULT 14

US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US2003002239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:|
Db 52 KFHRRIKDF 60

RESULT 15
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8

; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:|
Db 52 KFHRRIKDF 60

RESULT 16
US-10-140-470-8
; Sequence 8, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:|
Db 52 KFHRRIKDF 60

RESULT 17
US-10-175-746-8
; Sequence 8, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-8

Query Match      90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRRIKDF 60

RESULT 18
US-10-176-918-8
; Sequence 8, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-8

Query Match      90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRRIKDF 60

US-10-176-918-8
; Sequence 8, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-8

Query Match      90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRRIKDF 60
```

```
RESULT 19
US-10-176-921-8
; Sequence 8, Application US/10176921
; Publication No. US20030027276A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-8

Query Match      90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRRIKDF 60

RESULT 20
US-10-137-865-8
; Sequence 8, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
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; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
       |:|:|
Db      52 KFHRIIKDF 60

RESULT 21
US-10-140-474-8
; Sequence 8, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-474-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
       |:|:|
Db      52 KFHRIIKDF 60

RESULT 22
US-10-142-431-8
; Sequence 8, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-114-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
       |:|:|
Db      52 KFHRIIKDF 60
```

```
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-431-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
       |:|:|
Db      52 KFHRIIKDF 60

RESULT 23
US-10-143-114-8
; Sequence 8, Application US/10143114
; Publication No. US20030036180A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-114-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
       |:|:|
Db      52 KFHRIIKDF 60
```


RESULT 24
US-10-142-419-8
; Sequence 8, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 25
US-10-123-262-8
; Sequence 8, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-262-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 26
US-10-142-423-8
; Sequence 8, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142,423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-423-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:~|:~|:~|:~|
Db 52 KFHRIIKDF 60

RESULT 27
US-10-121-050-8
; Sequence 8, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-050-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 28
US-10-141-755-8
; Sequence 8, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-141-755-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 29
US-10-143-032-8
; Sequence 8, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C245

; CURRENT APPLICATION NUMBER: US/10/143,032

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-143-032-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 30
US-10-123-108-8
; Sequence 8, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C36

; CURRENT APPLICATION NUMBER: US/10/123,108

; CURRENT FILING DATE: 2002-04-15

; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 31

US-10-123-236-8
; Sequence 8, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-236-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:|:|:|
Db 52 KFHRIIKDF 60

RESULT 32

US-10-123-261-8
; Sequence 8, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-261-8

Query Match 90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 KYHRVIKDF 9
|:~|:~|:~|
Db 52 KFHRIIKDF 60

RESULT 33

US-10-140-921-8
; Sequence 8, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

```
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:::|
Db      52 KFHRRIKDF 60

RESULT 34
US-10-140-928-8
; Sequence 8, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:::|
Db      52 KFHRRIKDF 60

RESULT 35
US-10-121-045-8
; Sequence 8, Application US/10121045
; Publication No. US20030073210A1
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; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-045-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:::|
Db      52 KFHRRIKDF 60

RESULT 36
US-10-123-292-8
; Sequence 8, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C32
; CURRENT APPLICATION NUMBER: US/10/123,292
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
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US-10-123-292-8
Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRIIKDF 60

RESULT 37
US-10-123-903-8
; Sequence 8, Application US/10123903
; Publication No. US20030073212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-903-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRIIKDF 60

RESULT 38
US-10-124-819-8
; Sequence 8, Application US/10124819
; Publication No. US20030073213A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
```

```
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C65
; CURRENT APPLICATION NUMBER: US/10/124,819
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-819-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRIIKDF 60

RESULT 39
US-10-124-822-8
; Sequence 8, Application US/10124822
; Publication No. US20030073214A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-8

Query Match          90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|:|
Db      52 KFHRIIKDF 60

RESULT 40
US-10-140-925-8
; Sequence 8, Application US/10140925
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; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-925-8

Query Match      90.0%; Score 45; DB 14; Length 166;
Best Local Similarity 77.8%; Pred. No. 0.95;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1 KYHRVIKDF 9
      |:|:|
Db      52 KFHRIIKDF 60
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Search completed: May 31, 2005, 12:39:25
Job time : 45.2857 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-41
Perfect score: 55
Sequence: 1 GFMCQGGDF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	55	100.0	108	4	US-09-513-999C-7911
2	55	100.0	127	2	US-08-482-728A-9
3	55	100.0	161	1	US-08-145-995A-13
4	55	100.0	161	2	US-08-451-747-13
5	55	100.0	161	3	US-09-134-852-13
6	55	100.0	163	1	US-08-142-897-8
7	55	100.0	164	1	US-08-145-995A-9
8	55	100.0	164	2	US-08-451-747-9
9	55	100.0	164	3	US-09-134-852-9
10	55	100.0	164	4	US-09-538-092-852
11	55	100.0	165	1	US-08-145-995A-8
12	55	100.0	165	2	US-08-451-747-8
13	55	100.0	165	3	US-09-134-852-8
14	55	100.0	165	4	US-09-434-354-27
15	55	100.0	165	4	US-09-513-999C-7912
16	55	100.0	165	4	US-09-709-785-27
17	55	100.0	171	1	US-08-145-995A-10
18	55	100.0	171	2	US-08-451-747-10
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20	55	100.0	179	4	US-09-949-016-7066
21	49	89.1	16	2	US-08-658-639-7
22	49	89.1	16	3	US-08-944-604-7
23	49	89.1	126	2	US-08-482-728A-15
24	49	89.1	141	2	US-08-658-639-14
25	49	89.1	141	3	US-08-944-604-14
26	49	89.1	165	1	US-08-145-995A-11
27	49	89.1	165	2	US-08-451-747-11

28	49	89.1	165	3	US-09-134-852-11	Sequence 11, Appl
29	49	89.1	168	1	US-08-145-995A-12	Sequence 12, Appl
30	49	89.1	168	2	US-08-451-747-12	Sequence 12, Appl
31	49	89.1	168	3	US-09-134-852-12	Sequence 12, Appl
32	49	89.1	273	2	US-08-989-386-8	Sequence 8, Appl
33	49	89.1	296	3	US-08-944-604-20	Sequence 20, Appl
34	49	89.1	301	3	US-08-944-604-18	Sequence 18, Appl
35	49	89.1	303	4	US-09-949-016-8260	Sequence 8260, Ap
36	49	89.1	308	4	US-09-949-016-11303	Sequence 11303, A
37	49	89.1	407	4	US-09-248-796A-19586	Sequence 19586, A
38	43	78.2	126	2	US-08-482-728A-12	Sequence 12, Appl
39	43	78.2	207	4	US-09-434-354-40	Sequence 40, Appl
40	43	78.2	207	4	US-09-538-092-1042	Sequence 1042, Ap
41	43	78.2	207	4	US-09-709-785-40	Sequence 40, Appl
42	43	78.2	222	4	US-09-949-016-7645	Sequence 7645, Ap
43	40	72.7	371	4	US-09-538-092-548	Sequence 548, App
44	39	70.9	114	4	US-09-270-767-32732	Sequence 32732, A
45	39	70.9	114	4	US-09-270-767-47949	Sequence 47949, A

ALIGNMENTS

RESULT 1
US-09-513-999C-7911
; Sequence 7911, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7911
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 97
; OTHER INFORMATION: Xaa=Ala or Glu or Gly or Val
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 103
; OTHER INFORMATION: Xaa=Ser or Thr
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 104
; OTHER INFORMATION: Xaa=Lys or Asn
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 105
; OTHER INFORMATION: Xaa=Ala or Pro
; US-09-513-999C-7911

Query Match 100.0%; Score 55; DB 4; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.077;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
| | | | |
Db 59 GFMCQGGDF 67

RESULT 2
US-08-482-728A-9

; Sequence 9, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 127 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-9

Query Match 100.0%; Score 55; DB 2; Length 127;
Best Local Similarity 100.0%; Pred. No. 0.09;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 42 GFMCQGGDF 50

RESULT 3
US-08-145-995A-13
; Sequence 13, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 161 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-13

Query Match 100.0%; Score 55; DB 1; Length 161;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 56 GFMCQGGDF 64

RESULT 4
US-08-451-747-13
; Sequence 13, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 161 amino acids
; TYPE: amino acid

STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-13

Query Match 100.0%; Score 55; DB 2; Length 161;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCGGDF 9
|||||
Db 56 GFMCGGDF 64

RESULT 5

US-09-134-852-13
; Sequence 13, Application US/09134852
; Patent No. 6127148

GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 161 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-134-852-13

Query Match 100.0%; Score 55; DB 3; Length 161;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCGGDF 9
|||||
Db 56 GFMCGGDF 64

RESULT 6

US-08-142-897-8
; Sequence 8, Application US/08142897

Patent No. 5447852
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.
TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
TITLE OF INVENTION: and Uses
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tracy J. Dunn
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,897
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/005,917
FILING DATE: 15-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/740,375
FILING DATE: 05-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Tracy D.
REGISTRATION NUMBER: 34,587
REFERENCE/DOCKET NUMBER: 5490A-92-1
TELEPHONE: 415-326-2422
TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 163 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-142-897-8

Query Match 100.0%; Score 55; DB 1; Length 163;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCGGDF 9
|||||
Db 58 GFMCGGDF 66

RESULT 7

US-08-145-995A-9
; Sequence 9, Application US/08145995A
; Patent No. 5482850

GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109

COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-995A-9

Query Match 100.0%; Score 55; DB 1; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67

RESULT 8
US-08-451-747-9
; Sequence 9, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-451-747-9

Query Match 100.0%; Score 55; DB 2; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67

RESULT 9
US-09-134-852-9
; Sequence 9, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-09-134-852-9

Query Match 100.0%; Score 55; DB 3; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67
```

```
RESULT 10
US-09-538-092-852
; Sequence 852, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 852
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P05092
US-09-538-092-852

Query Match      100.0%; Score 55; DB 4; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GFMCGGDF 9
      |||||
Db      58 GFMCGGDF 66

RESULT 11
US-08-145-995A-8
; Sequence 8, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-747-8

Query Match      100.0%; Score 55; DB 2; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GFMCGGDF 9
      |||||
Db      59 GFMCGGDF 67

RESULT 12
US-08-451-747-8
; Sequence 8, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-451-747-8

Query Match      100.0%; Score 55; DB 2; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GFMCGGDF 9
      |||||
Db      59 GFMCGGDF 67

RESULT 13
```

US-09-134-852-8
; Sequence 8, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-8

Query Match 100.0%; Score 55; DB 3; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67

RESULT 14
US-09-434-354-27
; Sequence 27, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; CURRENT FILING DATE: 1999-11-03

; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-434-354-27

Query Match 100.0%; Score 55; DB 4; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67

RESULT 15
US-09-513-999C-7912
; Sequence 7912, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 7912
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 96
; OTHER INFORMATION: Xaa=Gly or Val
US-09-513-999C-7912

Query Match 100.0%; Score 55; DB 4; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFMCQGGDF 67

RESULT 16
US-09-709-785-27
; Sequence 27, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433C1
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO 27
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-709-785-27

Query Match 100.0%; Score 55; DB 4; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 59 GFMCQGGDF 67

RESULT 17

US-08-145-995A-10
; Sequence 10, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-10

Query Match 100.0%; Score 55; DB 1; Length 171;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 66 GFMCQGGDF 74

RESULT 18

US-08-451-747-10
; Sequence 10, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:

; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-10

Query Match 100.0%; Score 55; DB 2; Length 171;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 66 GFMCQGGDF 74

RESULT 19

US-09-134-852-10
; Sequence 10, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/134,852
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/145,995
;; FILING DATE: 29-OCT-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: RESNICK, DAVID S.
;; REGISTRATION NUMBER: 34235
;; REFERENCE/DOCKET NUMBER: 43406
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 523-3400
;; TELEFAX: (617) 523-6440
;; TELEX: 200291 STRE UR
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 171 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: unknown
;; TOPOLOGY: unknown
;; MOLECULE TYPE: protein
US-09-134-852-10

Query Match 100.0%; Score 55; DB 3; Length 171;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
Db 66 GFMCQGGDF 74

RESULT 20

US-09-949-016-7066
;; Sequence 7066, Application US/09949016
;; Patent No. 6812339
;; GENERAL INFORMATION:
;; APPLICANT: VENTER, J. Craig et al.
;; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
;; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
;; FILE REFERENCE: CL001307
;; CURRENT APPLICATION NUMBER: US/09/949,016
;; CURRENT FILING DATE: 2000-04-14
;; PRIOR APPLICATION NUMBER: 60/241,755
;; PRIOR FILING DATE: 2000-10-20
;; PRIOR APPLICATION NUMBER: 60/237,768
;; PRIOR FILING DATE: 2000-10-03
;; PRIOR APPLICATION NUMBER: 60/231,498
;; PRIOR FILING DATE: 2000-09-08
;; NUMBER OF SEQ ID NOS: 207012
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 7066
;; LENGTH: 179
;; TYPE: PRT
;; ORGANISM: Human
US-09-949-016-7066

Query Match 100.0%; Score 55; DB 4; Length 179;
Best Local Similarity 100.0%; Pred. No. 0.13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
Db 73 GFMCQGGDF 81

RESULT 21

US-08-658-639-7
;; Sequence 7, Application US/08658639
;; Patent No. 5914238
;; GENERAL INFORMATION:

;; APPLICANT: KEESEE, SUSAN
;; APPLICANT: OBAR, ROBERT
;; APPLICANT: WU, YING-JYE
;; TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
;; TITLE OF INVENTION: BREAST CANCER
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Testa, Hurwitz & Thibault
;; STREET: 125 High St.
;; CITY: Boston
;; STATE: MA
;; COUNTRY: USA
;; ZIP: 02110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/658,639
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: MEYERS, THOMAS C
;; REGISTRATION NUMBER: 36,989
;; REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 248-7000
;; TELEFAX: (617) 248-7100
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 amino acids
;; TYPE: amino acid
;; STRANDEDNESS:
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-658-639-7

Query Match 89.1%; Score 49; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 5 FMCQGGDF 12

RESULT 22

US-08-944-604-7
;; Sequence 7, Application US/08944604
;; Patent No. 6218131
;; GENERAL INFORMATION:
;; APPLICANT: KEESEE, SUSAN
;; APPLICANT: OBAR, ROBERT
;; APPLICANT: WU, YING-JYE
;; TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
;; TITLE OF INVENTION: BREAST CANCER
;; NUMBER OF SEQUENCES: 24
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Testa, Hurwitz & Thibault
;; STREET: 125 High St.
;; CITY: Boston
;; STATE: MA
;; COUNTRY: USA
;; ZIP: 02110
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/944,604
;; FILING DATE:

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-944-604-7

Query Match 89.1%; Score 49; DB 3; Length 16;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 5 FMCQGGDF 12

RESULT 23
US-08-482-728A-15
Sequence 15, Application US/08482728A
Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-15

Query Match 89.1%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 43 FMCQGGDF 50

RESULT 24
US-08-658-639-14
Sequence 14, Application US/08658639
Patent No. 5914238
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,639
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 141 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-658-639-14

Query Match 89.1%; Score 49; DB 2; Length 141;
Best Local Similarity 100.0%; Pred. No. 0.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 37 FMCQGGDF 44

RESULT 25
US-08-944-604-14
Sequence 14, Application US/08944604
Patent No. 6218131
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston

```
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,604
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MEYERS, THOMAS C
; REGISTRATION NUMBER: 36,989
; REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 141 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-944-604-14

Query Match 89.1%; Score 49; DB 3; Length 141;
Best Local Similarity 100.0%; Pred.No. 0.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 37 FMCQGGDF 44

RESULT 26
US-08-145-995A-11
; Sequence 11, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 11:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-995A-11

Query Match 89.1%; Score 49; DB 1; Length 165;
Best Local Similarity 100.0%; Pred.No. 1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 61 FMCQGGDF 68

RESULT 27
US-08-451-747-11
; Sequence 11, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-451-747-11

Query Match 89.1%; Score 49; DB 2; Length 165;
Best Local Similarity 100.0%; Pred.No. 1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
Db 61 FMCQGGDF 68
```

RESULT 28
US-09-134-852-11
; Sequence 11, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-11

Query Match 89.1%; Score 49; DB 3; Length 165;
Best Local Similarity 100.0%; Pred. No. 1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||||
Db 61 FMCQGGDF 68

RESULT 29
US-08-145-995A-12
; Sequence 12, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA

; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 168 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-12

Query Match 89.1%; Score 49; DB 1; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||||
Db 63 FMCQGGDF 70

RESULT 30
US-08-451-747-12
; Sequence 12, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; COMPOUNDS
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705

TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 168 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-12

Query Match 89.1%; Score 49; DB 2; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
|||
Db 63 FMCQGGDF 70

RESULT 31
US-09-134-852-12
; Sequence 12, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 168 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-12

Query Match 89.1%; Score 49; DB 3; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
|||
Db 63 FMCQGGDF 70

RESULT 32
US-08-989-386-8
; Sequence 8, Application US/08989386
; Patent No. 5989860
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: HUMAN ISOMERASE HOMOLOGS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/989,386
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0443 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0555
; TELEFAX: 650-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 273 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GenBank
; CLONE: 2190533
US-08-989-386-8

Query Match 89.1%; Score 49; DB 2; Length 273;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FMCQGGDF 9
|||
Db 168 FMCQGGDF 175

RESULT 33
US-08-944-604-20
; Sequence 20, Application US/08944604
; Patent No. 6218131
; GENERAL INFORMATION:
; APPLICANT: KEESEE, SUSAN
; APPLICANT: OBAR, ROBERT
; APPLICANT: WU, YING-JYE
; TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
; TITLE OF INVENTION: BREAST CANCER
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Testa, Hurwitz & Thibault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,604
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 296 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-944-604-20

Query Match 89.1%; Score 49; DB 3; Length 296;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 196 FMCQGGDF 203

RESULT 34
US-08-944-604-18
; Sequence 18, Application US/08944604
; Patent No. 6218131
; GENERAL INFORMATION:
; APPLICANT: KEESEE, SUSAN
; APPLICANT: OBAR, ROBERT
; APPLICANT: WU, YING-JYE
; TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
; TITLE OF INVENTION: BREAST CANCER
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Testa, Hurwitz & Thibault
; STREET: 125 High St.
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/944,604
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MEYERS, THOMAS C
; REGISTRATION NUMBER: 36,989
; REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 301 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-944-604-18

Query Match 89.1%; Score 49; DB 3; Length 301;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 196 FMCQGGDF 203

RESULT 35
US-09-949-016-8260
; Sequence 8260, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8260
; LENGTH: 303
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-8260

Query Match 89.1%; Score 49; DB 4; Length 303;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 203 FMCQGGDF 210

RESULT 36
US-09-949-016-11303
; Sequence 11303, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11303
; LENGTH: 308
; TYPE: PRT

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; ORGANISM: Human
US-09-949-016-11303

Query Match      89.1%; Score 49; DB 4; Length 308;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 FMCQGGDF 9
      |||||
Db      203 FMCQGGDF 210

RESULT 37
US-09-248-796A-19586
; Sequence 19586, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 19586
; LENGTH: 407
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-19586

Query Match      89.1%; Score 49; DB 4; Length 407;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2 FMCQGGDF 9
      |||||
Db      106 FMCQGGDF 113

RESULT 38
US-08-482-728A-12
; Sequence 12, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
```

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; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-12

Query Match      78.2%; Score 43; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 7.2;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2 FMCQGGDF 9
      |||||
Db      43 FMCQAGDF 50

RESULT 39
US-09-434-354-40
; Sequence 40, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-434-354-40

Query Match      78.2%; Score 43; DB 4; Length 207;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      2 FMCQGGDF 9
      |||||
Db      102 FMCQAGDF 109

RESULT 40
US-09-538-092-1042
; Sequence 1042, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
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; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuratPatSeqFormatter Version 0.9
; SEQ ID NO 1042
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P30405
US-09-538-092-1042

Query Match      78.2%; Score 43; DB 4; Length 207;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FMCQGGDF 9
      |||||
Db      102 FMCQAGDF 109

Search completed: May 31, 2005, 12:32:04
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OM protein - protein search, using sw model

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(without alignments)
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Title: US-09-720-469A-41
Perfect score: 55
Sequence: 1 GFMCQGGDF 9

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep:*
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15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep:*
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20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	55	100.0	14	14	US-10-014-340-347 Sequence 347, App
2	55	100.0	82	14	US-10-106-698-6865 Sequence 6865, Ap
3	55	100.0	108	9	US-09-864-761-40591 Sequence 40591, A
4	55	100.0	147	17	US-10-481-041-7 Sequence 7, Appli
5	55	100.0	163	15	US-10-072-012-541 Sequence 541, App
6	55	100.0	163	15	US-10-092-900A-306 Sequence 306, App
7	55	100.0	164	15	US-10-072-012-539 Sequence 539, App
8	55	100.0	164	15	US-10-450-718-3 Sequence 3, Appli
9	55	100.0	164	16	US-10-408-765A-303 Sequence 303, App
10	55	100.0	165	15	US-10-440-464-94 Sequence 94, Appli
11	55	100.0	165	15	US-10-114-270-72 Sequence 72, Appli
12	55	100.0	165	15	US-10-072-012-540 Sequence 540, App
13	55	100.0	165	16	US-10-408-765A-1123 Sequence 1123, Ap

14	55	100.0	169	15	US-10-264-049-4061	Sequence 4061, Ap
15	55	100.0	174	15	US-10-072-012-538	Sequence 538, App
16	55	100.0	184	15	US-10-264-049-2261	Sequence 2261, Ap
17	55	100.0	193	15	US-10-425-114-45273	Sequence 45273, A
18	55	100.0	193	15	US-10-425-114-48250	Sequence 48250, A
19	51	92.7	164	15	US-10-072-012-180	Sequence 180, App
20	51	92.7	164	15	US-10-072-012-537	Sequence 537, App
21	51	92.7	164	17	US-10-481-041-19	Sequence 19, Appli
22	50	90.9	156	15	US-10-236-417-108	Sequence 108, App
23	50	90.9	164	15	US-10-450-718-2	Sequence 2, Appli
24	50	90.9	165	15	US-10-210-130-134	Sequence 134, App
25	49	89.1	76	14	US-10-029-386-33318	Sequence 33318, A
26	49	89.1	89	15	US-10-424-599-282095	Sequence 282095,
27	49	89.1	90	15	US-10-424-599-185231	Sequence 185231,
28	49	89.1	99	15	US-10-424-599-213021	Sequence 213021,
29	49	89.1	99	15	US-10-424-599-218316	Sequence 218316,
30	49	89.1	142	15	US-10-424-599-175502	Sequence 175502,
31	49	89.1	142	15	US-10-424-599-251810	Sequence 251810,
32	49	89.1	143	16	US-10-767-701-47262	Sequence 47262, A
33	49	89.1	161	17	US-10-481-041-6	Sequence 6, Appli
34	49	89.1	163	17	US-10-481-041-5	Sequence 5, Appli
35	49	89.1	165	15	US-10-092-900A-290	Sequence 290, App
36	49	89.1	168	16	US-10-437-963-204100	Sequence 204100,
37	49	89.1	171	16	US-10-767-701-47260	Sequence 47260, A
38	49	89.1	172	10	US-09-891-464-8	Sequence 8, Appli
39	49	89.1	172	15	US-10-424-599-155969	Sequence 155969,
40	49	89.1	172	15	US-10-424-599-155970	Sequence 155970,
41	49	89.1	172	15	US-10-424-599-166217	Sequence 166217,
42	49	89.1	172	15	US-10-424-599-166219	Sequence 166219,
43	49	89.1	172	16	US-10-437-963-160547	Sequence 160547,
44	49	89.1	172	16	US-10-767-701-47259	Sequence 47259, A
45	49	89.1	175	15	US-10-424-599-257454	Sequence 257454,

ALIGNMENTS

RESULT 1

US-10-014-340-347
; Sequence 347, Application US/10014340
; Publication No. US2003006411A1
; GENERAL INFORMATION:
; APPLICANT: Herath, et al
; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and Uses Therefor, Including
; TITLE OF INVENTION: Diagnosis and Treatment of Alzheimer's Disease
; FILE REFERENCE: 9195-078
; CURRENT APPLICATION NUMBER: US/10/014,340
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 823
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 347
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-014-340-347

Query Match 100.0%; Score 55; DB 14; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.015;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9

|||||||
Db 4 GFMCQGGDF 12

RESULT 2

US-10-106-698-6865
; Sequence 6865, Application US/10106698
; Publication No. US20030109690A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptid-
; FILE REFERENCE: PA005P1

; CURRENT APPLICATION NUMBER: US/10/106,698
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US00/26524
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: US 60/157,137
; PRIOR FILING DATE: 1999-09-29
; PRIOR APPLICATION NUMBER: US 60/163,280
; PRIOR FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 8564
; SOFTWARE: PatentIn ver. 3.0
; SEQ ID NO 6865
; LENGTH: 82
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC FEATURE
; LOCATION: (49)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-106-698-6865

Query Match 100.0%; Score 55; DB 14; Length 82;
Best Local Similarity 100.0%; Pred. No. 0.077;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
|||||
Db 22 GFMCGGDF 30

RESULT 3
US-09-864-761-40591
; Sequence 40591, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 40591
; LENGTH: 108
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AP001538.1
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 11
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.2
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.6
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 15
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 10
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 16
; OTHER INFORMATION: EST HUMAN HIT: BF244231.1, EVALUE 3.00e-56
; OTHER INFORMATION: SWISSPROT HIT: P05092, EVALUE 2.00e-49
US-09-864-761-40591

Query Match 100.0%; Score 55; DB 9; Length 108;
Best Local Similarity 100.0%; Pred. No. 0.1;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCGGDF 9
|||||
Db 78 GFMCGGDF 86

RESULT 4
US-10-481-041-7
; Sequence 7, Application US/10481041
; Publication No. US20050069878A1
; GENERAL INFORMATION:
; APPLICANT: YUE, Henry
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: HAFALIA, April J.A.
; APPLICANT: ARVIZU, Chandra S.
; APPLICANT: RAMKUMAR, Jayalaxmi
; APPLICANT: TANG, Y. Tom
; APPLICANT: KHAN, Farrah A.
; APPLICANT: GREENE, Barrie D.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: YANG, Junming
; APPLICANT: ISON, Craig H.
; APPLICANT: WARREN, Bridget A.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: EMERLING, Brooke M.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: LEE, Ernestine A.
; APPLICANT: GRIFFIN, Jennifer A.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: SWARNAKAR, Anita
; APPLICANT: LAL, Preeti G.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: TRAN, Uyen K.
; APPLICANT: LEE, Sally
; APPLICANT: FORSYTHE, Ian J.
; APPLICANT: AU-YOUNG, Janice K.
; APPLICANT: COLEMAN, Ilsa M.
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PF-1028 USN
; CURRENT APPLICATION NUMBER: US/10/481,041
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/US02/18834
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,617

; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/300,376
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,873
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/304,053
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/305,361
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,370
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,330
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PERL Program
; SEQ ID NO 7
; LENGTH: 147
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7497402CD1
US-10-481-041-7

Query Match 100.0%; Score 55; DB 17; Length 147;
Best Local Similarity 100.0%; Pred. No. 0.13; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 41 GFMCQGGDF 49

RESULT 5

US-10-072-012-541
; Sequence 541, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31

; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 541
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Bos taurus
US-10-072-012-541

Query Match 100.0%; Score 55; DB 15; Length 163;
Best Local Similarity 100.0%; Pred. No. 0.15; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 58 GFMCQGGDF 66

RESULT 6

US-10-092-900A-306
; Sequence 306, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev,, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675

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; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 306
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-092-900A-306

Query Match      100.0%; Score 55; DB 15; Length 163;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      59 GFMCQGGDF 67

RESULT 7
US-10-072-012-539
; Sequence 539, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shinkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
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; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 539
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Bos taurus
US-10-072-012-539

Query Match      100.0%; Score 55; DB 15; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      59 GFMCQGGDF 67

RESULT 8
US-10-450-718-3
; Sequence 3, Application US/10450718
; Publication No. US20040053840A1
; GENERAL INFORMATION:
; APPLICANT: Bayer AG
; TITLE OF INVENTION: REGULATION OF HUMAN CYCLOPHILIN-LIKE PROTEIN
; FILE REFERENCE: Lio242
; CURRENT APPLICATION NUMBER: US/10/450,718
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: 60/257,301
; PRIOR FILING DATE: 2000-12-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-718-3

Query Match      100.0%; Score 55; DB 15; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      58 GFMCQGGDF 66

RESULT 9
US-10-408-765A-303
; Sequence 303, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
```

;
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 303
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-303

Query Match 100.0%; Score 55; DB 16; Length 164;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 58 GFMCQGGDF 66

RESULT 10

US-10-440-464-94
; Sequence 94, Application US/10440464
; Publication No. US20040018528A1
; GENERAL INFORMATION:

; APPLICANT: DEPRIMO, SAMUEL
; APPLICANT: O'FARRELL, ANNE-MARIE
; APPLICANT: MORIMOTO, ALYSSA
; APPLICANT: SMOLICH, BEVERLY
; APPLICANT: MANNING, WILLIAM
; APPLICANT: WALTER, SARAH
; APPLICANT: CHERRINGTON, JULIE
; APPLICANT: SCHILLING, JIM

; TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE
; TITLE OF INVENTION: AND ACTIVITY IN MAMMALS
; FILE REFERENCE: 038602/1592

; CURRENT APPLICATION NUMBER: US/10/440,464
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/380,872
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/448,922
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/448,874
; NUMBER OF SEQ ID NOS: 185
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-440-464-94

Query Match 100.0%; Score 55; DB 15; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 59 GFMCQGGDF 67

RESULT 11

US-10-114-270-72
; Sequence 72, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:

; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera

; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 72
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-114-270-72

Query Match 100.0%; Score 55; DB 15; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
|||||
Db 59 GFMCQGGDF 67

RESULT 12

US-10-072-012-540
; Sequence 540, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan

```
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 540
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-072-012-540

Query Match      100.0%; Score 55; DB 15; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      59 GFMCQGGDF 67

RESULT 13
US-10-408-765A-1123
; Sequence 1123, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
```

```
; APPLICANT: Warnock, Dale E.
; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 66088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1123
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-1123

Query Match      100.0%; Score 55; DB 16; Length 165;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      59 GFMCQGGDF 67

RESULT 14
US-10-264-049-4061
; Sequence 4061, Application US/10264049
; Publication No. US20040005579A1
; GENERAL INFORMATION:
; APPLICANT: Birse et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA133P1
; CURRENT APPLICATION NUMBER: US/10/264,049
; CURRENT FILING DATE: 2002-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/18569
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: US 60/209,467
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 4360
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 4061
; LENGTH: 169
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-264-049-4061

Query Match      100.0%; Score 55; DB 15; Length 169;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GFMCQGGDF 9
Db      63 GFMCQGGDF 71

RESULT 15
US-10-072-012-538
; Sequence 538, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
```

APPLICANT: Colman, Steven D.
APPLICANT: Wolenc, Adam R.
APPLICANT: Pena, Carol E. A
APPLICANT: Furtak, Katarzyna
APPLICANT: Grosse, William M.
APPLICANT: Alsobrook II, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Burgess, Catherine E.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-258
CURRENT APPLICATION NUMBER: US/10/072,012
CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: 60/265,102
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 60/265,514
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,517
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,412
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/265,395
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/266,406
PRIOR FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: 60/266,767
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: 60/267,057
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/266,975
PRIOR FILING DATE: 2001-02-07
PRIOR APPLICATION NUMBER: 60/267,459
PRIOR FILING DATE: 2001-02-08
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 1391
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 538
LENGTH: 174
TYPE: PRT
ORGANISM: Homo sapiens
US-10-072-012-538

Query Match 100.0%; Score 55; DB 15; Length 174;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 68 GFMCQGGDF 76

RESULT 16
US-10-264-049-2261
Sequence 2261, Application US/10264049
Publication No. US20040005579A1
GENERAL INFORMATION:
APPLICANT: Birse et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA133P1
CURRENT APPLICATION NUMBER: US/10/264,049
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: PCT/US01/18569
PRIOR FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: US 60/209,467
PRIOR FILING DATE: 2000-06-07
NUMBER OF SEQ ID NOS: 4360
SOFTWARE: PatentIn Ver. 3.1
SEQ ID NO 2261
LENGTH: 184
TYPE: PRT
ORGANISM: Homo sapiens
US-10-264-049-2261

Query Match 100.0%; Score 55; DB 15; Length 184;
Best Local Similarity 100.0%; Pred. No. 0.16;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 78 GFMCQGGDF 86

RESULT 17
US-10-425-114-45273
Sequence 45273, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 45273
LENGTH: 193
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: 700381803_FLI.pep
US-10-425-114-45273

Query Match 100.0%; Score 55; DB 15; Length 193;
Best Local Similarity 100.0%; Pred. No. 0.17;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 85 GFMCQGGDF 93

RESULT 18
US-10-425-114-48250
Sequence 48250, Application US/10425114
Publication No. US20040034888A1
GENERAL INFORMATION:
APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53313)B
CURRENT APPLICATION NUMBER: US/10/425,114
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NO 48250
LENGTH: 193
TYPE: PRT
ORGANISM: Zea mays
FEATURE:
OTHER INFORMATION: Clone ID: LIB3601-009-C3_FLI.pep
US-10-425-114-48250

Query Match 100.0%; Score 55; DB 15; Length 193;
Best Local Similarity 100.0%; Pred. No. 0.17;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9

Db 85 GFMCQGGDF 93

RESULT 19

US-10-072-012-180
; Sequence 180, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 180
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-072-012-180

Query Match 92.7%; Score 51; DB 15; Length 164;
Best Local Similarity 88.9%; Pred. No. 0.69;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFVCQGGDF 67

RESULT 20
US-10-072-012-537

; Sequence 537, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 537
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-072-012-537

Query Match 92.7%; Score 51; DB 15; Length 164;
Best Local Similarity 88.9%; Pred. No. 0.69;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GFMCQGGDF 9
Db 59 GFVCQGGDF 67

RESULT 21
US-10-481-041-19


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; Sequence 19, Application US/10481041
; Publication No. US20050069878A1
; GENERAL INFORMATION:
; APPLICANT: YUE, Henry
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: HAFALIA, April J.A.
; APPLICANT: ARVIZU, Chandra S.
; APPLICANT: RAMKUMAR, Jayalaxmi
; APPLICANT: TANG, Y. Tom
; APPLICANT: KHAN, Farrah A.
; APPLICANT: GREENE, Barrie D.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: YANG, Junming
; APPLICANT: ISON, Craig H.
; APPLICANT: WARREN, Bridget A.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: EMERLING, Brooke M.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: LEE, Ernestine A.
; APPLICANT: GRIFFIN, Jennifer A.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: SWARNAKAR, Anita
; APPLICANT: LAL, Preeti G.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: TRAN, Uyen K.
; APPLICANT: LEE, Sally
; APPLICANT: FORSYTHE, Ian J.
; APPLICANT: AU-YOUNG, Janice K.
; APPLICANT: COLEMAN, Ilsa M.
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PF-1028 USN
; CURRENT APPLICATION NUMBER: US/10/481,041
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/US02/18834
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,617
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/300,376
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,873
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/304,053
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/305,361
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,370
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,330
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PERL Program
; SEQ ID NO 19
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7485288CD1
US-10-481-041-19
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Query Match          92.7%; Score 51; DB 17; Length 164;
Best Local Similarity 88.9%; Pred. No. 0.69;
Matches      8; Conservative      1; Mismatches      0; Indels      0; Gaps      0;
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```
QY      1 GFMCQGGDF 9
Db      59 GFVCQGGDF 67
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RESULT 22

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US-10-236-417-108
; Sequence 108, Application US/10236417
; Publication No. US20040048256A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 108
; LENGTH: 156
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-236-417-108
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Query Match          90.9%; Score 50; DB 15; Length 156;
Best Local Similarity 88.9%; Pred. No. 0.97;
Matches      8; Conservative      0; Mismatches      1; Indels      0; Gaps      0;
```

```
QY      1 GFMCQGGDF 9
Db      54 GFMCCHGGDF 62
```

RESULT 23

```
US-10-450-718-2
; Sequence 2, Application US/10450718
; Publication No. US20040053840A1
; GENERAL INFORMATION:
; APPLICANT: Bayer AG
; TITLE OF INVENTION: REGULATION OF HUMAN CYCLOPHILIN-LIKE PROTEIN
; FILE REFERENCE: Lio242
; CURRENT APPLICATION NUMBER: US/10/450,718
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: 60/257,301
; PRIOR FILING DATE: 2000-12-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-450-718-2
```

```
Query Match          90.9%; Score 50; DB 15; Length 164;
Best Local Similarity 88.9%; Pred. No. 1;
Matches      8; Conservative      0; Mismatches      1; Indels      0; Gaps      0;
```

```
QY      1 GFMCQGGDF 9
Db      59 GFMCCHGGDF 67
```

```
RESULT 24
US-10-210-130-134
; Sequence 134, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Smithson, Glennda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
```

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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 134
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-130-134
Query Match      90.9%; Score 50; DB 15; Length 165;
Best Local Similarity 88.9%; Pred. No. 1;
Matches      8; Conservative      0; Mismatches      1; Indels      0; Gaps      0;

Qy      1  GFMCGGDF 9
      |||||
Db      59  GFMCHGGDF 67

RESULT 25
US-10-029-386-33318
; Sequence 33318, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: AEOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33318
; LENGTH: 76
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL049824.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.6
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.45
; OTHER INFORMATION: SWISSPROT HIT: Q9UNP9, EVALUE 1.00e-34
US-10-029-386-33318
Query Match      89.1%; Score 49; DB 14; Length 76;
Best Local Similarity 100.0%; Pred. No. 0.73;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

Qy      2  FMCQGGDF 9
      |||||
Db      26  FMCQGGDF 33

RESULT 26
US-10-424-599-282095
; Sequence 282095, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 282095
; LENGTH: 89
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
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```
; NAME/KEY: unsure
; LOCATION: (1)..(89)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_96753C.1.pep
US-10-424-599-282095

Query Match      89.1%; Score 49; DB 15; Length 89;
Best Local Similarity 100.0%; Pred. No. 0.85;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 FMCQGGDF 9
      |||||
Db      67 FMCQGGDF 74

RESULT 27
US-10-424-599-185231
; Sequence 185231, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 185231
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(90)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_138278C.1.pep
US-10-424-599-185231

Query Match      89.1%; Score 49; DB 15; Length 90;
Best Local Similarity 100.0%; Pred. No. 0.86;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 FMCQGGDF 9
      |||||
Db      5 FMCQGGDF 12

RESULT 28
US-10-424-599-213021
; Sequence 213021, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 213021
; LENGTH: 99
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
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; LOCATION: (1)..(99)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_34383C.1.pep
US-10-424-599-213021

Query Match      89.1%; Score 49; DB 15; Length 99;
Best Local Similarity 100.0%; Pred. No. 0.94;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 FMCQGGDF 9
      |||||
Db      67 FMCQGGDF 74

RESULT 29
US-10-424-599-218316
; Sequence 218316, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 218316
; LENGTH: 99
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_39167C.1.pep
US-10-424-599-218316

Query Match      89.1%; Score 49; DB 15; Length 99;
Best Local Similarity 100.0%; Pred. No. 0.94;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 FMCQGGDF 9
      |||||
Db      67 FMCQGGDF 74

RESULT 30
US-10-424-599-175502
; Sequence 175502, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 175502
; LENGTH: 142
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(142)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_129497C.1.pep
US-10-424-599-175502
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Query Match 89.1%; Score 49; DB 15; Length 142;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 72 FMCQGGDF 79

RESULT 31
US-10-424-599-251810
; Sequence 251810, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 251810
; LENGTH: 142
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(142)
; OTHER INFORMATION: unsure at all xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_69411C.1.pep
US-10-424-599-251810

Query Match 89.1%; Score 49; DB 15; Length 142;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 71 FMCQGGDF 78

RESULT 32
US-10-767-701-47262
; Sequence 47262, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 47262
; LENGTH: 143
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(143)
; OTHER INFORMATION: unsure at all xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3478-035-P1-K1-A10.pep
US-10-767-701-47262

Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
|||||
Db 81 FMCQGGDF 88

RESULT 33
US-10-481-041-6
; Sequence 6, Application US/10481041
; Publication No. US20050069878A1
; GENERAL INFORMATION:
; APPLICANT: YUE, Henry
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: HAFALIA, April J.A.
; APPLICANT: ARVIZU, Chandra S.
; APPLICANT: RAMKUNWAR, Jayalaxmi
; APPLICANT: TANG, Y. Tom
; APPLICANT: KHAN, Farrah A.
; APPLICANT: GREENE, Barrie D.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: YANG, Junming
; APPLICANT: ISON, Craig H.
; APPLICANT: WARREN, Bridget A.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: EMERLING, Brooke M.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: LEE, Ernestine A.
; APPLICANT: GRIFFIN, Jennifer A.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: SWARNAKAR, Anita
; APPLICANT: LAL, Preeti G.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: TRAN, Uyen K.
; APPLICANT: LEE, Sally
; APPLICANT: FORSYTHE, Ian J.
; APPLICANT: AU-YOUNG, Janice K.
; APPLICANT: COLEMAN, Ilsa M.
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PF-1028 USN
; CURRENT APPLICATION NUMBER: US/10/481,041
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/US02/18834
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,617
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/300,376
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,873
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/304,053
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/305,361
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,370
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,330
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PERL Program
; SEQ ID NO 6
; LENGTH: 161
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7492579CD1
US-10-481-041-6

Query Match 89.1%; Score 49; DB 17; Length 161;
Best Local Similarity 88.9%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GFMCQGGDF 9
| | | | |
Db 56 GLMCQGGDF 64

RESULT 34
US-10-481-041-5
; Sequence 5, Application US/10481041
; Publication No. US20050069878A1
; GENERAL INFORMATION:
; APPLICANT: YUE, Henry
; APPLICANT: LU, Dyung Aina M.
; APPLICANT: HAFALIA, April J.A.
; APPLICANT: ARVIZU, Chandra S.
; APPLICANT: RAMKUMAR, Jayalaxmi
; APPLICANT: TANG, Y. Tom
; APPLICANT: KHAN, Farrah A.
; APPLICANT: GREENE, Barrie D.
; APPLICANT: RICHARDSON, Thomas W.
; APPLICANT: YANG, Junming
; APPLICANT: ISON, Craig H.
; APPLICANT: WARREN, Bridget A.
; APPLICANT: ELLIOTT, Vicki S.
; APPLICANT: EMERLING, Brooke M.
; APPLICANT: GORVAD, Ann E.
; APPLICANT: LEE, Ernestine A.
; APPLICANT: GRIFFIN, Jennifer A.
; APPLICANT: ZEBARJADIAN, Yeganeh
; APPLICANT: SWARNAKAR, Anita
; APPLICANT: LAL, Preeti G.
; APPLICANT: BAUGHN, Mariah R.
; APPLICANT: TRAN, Uyen K.
; APPLICANT: LEE, Sally
; APPLICANT: FORSYTHE, Ian J.
; APPLICANT: AU-YOUNG, Janice K.
; APPLICANT: COLEMAN, Ilsa M.
; TITLE OF INVENTION: PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH
; FILE REFERENCE: PF-1028 USN
; CURRENT APPLICATION NUMBER: US/10/481,041
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/US02/18834
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: US 60/298,617
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/300,376
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,873
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/304,053
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/305,361
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,370
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/305,330
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PERL Program
; SEQ ID NO 5
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 7491083CD1
US-10-481-041-5

Query Match 89.1%; Score 49; DB 17; Length 163;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9

Db 59 FMCQGGDF 66
| | | | |

RESULT 35
US-10-092-900A-290
; Sequence 290, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev,, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elna
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 290
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-092-900A-290

Query Match 89.1%; Score 49; DB 15; Length 165;

Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
| | | | | | | |
Db 60 FMCQGGDF 67

RESULT 36
US-10-437-963-204100
; Sequence 204100, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 204100
; LENGTH: 168
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(168)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_99220C.1.pep
US-10-437-963-204100

Query Match 89.1%; Score 49; DB 16; Length 168;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
| | | | | | | |
Db 71 FMCQGGDF 78

RESULT 37
US-10-767-701-47260
; Sequence 47260, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 47260
; LENGTH: 171
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep
US-10-767-701-47260

Query Match 89.1%; Score 49; DB 16; Length 171;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
| | | | | | | |
Db 67 FMCQGGDF 74

RESULT 38
US-09-891-464-8
; Sequence 8, Application US/09891464
; Publication No. US20030162175A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: NK Cell Receptor Polynucleotides, Polypeptides, and Antibodies
; FILE REFERENCE: PT037P1
; CURRENT APPLICATION NUMBER: US/09/891,464
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: PCT/US00/34770
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/171,506
; PRIOR FILING DATE: 1999-12-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-891-464-8

Query Match 89.1%; Score 49; DB 10; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
| | | | | | | |
Db 67 FMCQGGDF 74

RESULT 39
US-10-424-599-155969
; Sequence 155969, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155969
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111860C.1.pep
US-10-424-599-155969

Query Match 89.1%; Score 49; DB 15; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 FMCQGGDF 9
| | | | | | | |
Db 67 FMCQGGDF 74

RESULT 40
US-10-424-599-155970
; Sequence 155970, Application US/10424599
; Publication No. US20040031072A1

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; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155970
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111861C.1.pep
US-10-424-599-155970

Query Match      89.1%; Score 49; DB 15; Length 172;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;

QY      2 FMCQGGDF 9
      |||||
Db      67 FMCQGGDF 74
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Search completed: May 31, 2005, 12:39:26
Job time : 45.2857 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-42
Perfect score: 48
Sequence: 1 DFMIQGGDI 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/ptodata/1/iaa/5A COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/5B COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/6A COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	48	100.0	126	2	US-08-482-728A-11
2	48	100.0	212	4	US-09-538-092-1126
3	44	91.7	113	4	US-09-513-999C-8064
4	44	91.7	114	4	US-09-270-767-32732
5	44	91.7	114	4	US-09-270-767-47949
6	44	91.7	124	4	US-09-107-532A-6729
7	44	91.7	126	2	US-08-482-728A-10
8	44	91.7	166	4	US-09-513-999C-4171
9	44	91.7	175	4	US-09-134-000C-3739
10	44	91.7	184	4	US-09-949-016-7506
11	44	91.7	186	4	US-09-270-767-33856
12	44	91.7	186	4	US-09-270-767-49073
13	44	91.7	203	4	US-10-043-142-10
14	44	91.7	203	4	US-09-806-399-10
15	44	91.7	207	4	US-10-043-142-11
16	44	91.7	207	4	US-09-806-399-11
17	44	91.7	208	1	US-08-142-897-7
18	44	91.7	208	4	US-10-043-142-12
19	44	91.7	208	4	US-09-806-399-12
20	44	91.7	208	4	US-09-538-092-994
21	44	91.7	212	1	US-08-142-897-5
22	44	91.7	212	4	US-10-043-142-5
23	44	91.7	212	4	US-09-806-399-5
24	44	91.7	274	4	US-09-107-532A-4964
25	44	91.7	466	4	US-09-583-110-3345
26	44	91.7	472	4	US-09-107-433-4470
27	43	89.6	203	3	US-09-134-001C-3111

28	43	89.6	754	4	US-09-976-594-375	Sequence 375, Appl
29	43	89.6	760	4	US-09-949-016-11129	Sequence 11129, A
30	42	87.5	126	2	US-08-482-728A-16	Sequence 16, Appl
31	42	87.5	162	1	US-08-142-897-9	Sequence 9, Appl
32	42	87.5	162	1	US-08-145-995A-14	Sequence 14, Appl
33	42	87.5	162	2	US-08-451-747-14	Sequence 14, Appl
34	42	87.5	162	3	US-09-134-852-14	Sequence 14, Appl
35	39	81.2	134	2	US-08-482-728A-14	Sequence 14, Appl
36	39	81.2	176	1	US-08-145-995A-3	Sequence 3, Appl
37	39	81.2	176	1	US-08-145-995A-4	Sequence 4, Appl
38	39	81.2	176	2	US-08-451-747-3	Sequence 3, Appl
39	39	81.2	176	2	US-08-451-747-4	Sequence 4, Appl
40	39	81.2	176	3	US-09-134-852-3	Sequence 3, Appl
41	39	81.2	176	3	US-09-134-852-4	Sequence 4, Appl
42	39	81.2	234	4	US-09-134-000C-6764	Sequence 6764, Ap
43	39	81.2	269	3	US-09-028-366-6	Sequence 6, Appl
44	39	81.2	269	4	US-09-715-285-6	Sequence 6, Appl
45	39	81.2	407	4	US-09-248-796A-19586	Sequence 19586, A

ALIGNMENTS

RESULT 1
US-08-482-728A-11
; Sequence 11, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-11

Query Match 100.0%; Score 48; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.14;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDI 9
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Db 42 DFMIQGGDI 50

RESULT 2

US-09-538-092-1126

; Sequence 1126, Application US/09538092

; Patent No. 6753314

; GENERAL INFORMATION:

; APPLICANT: Giot, Loic

; APPLICANT: Mansfield, Traci A.

; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same

; FILE REFERENCE: 15966-542

; CURRENT APPLICATION NUMBER: US/09/538,092

; CURRENT FILING DATE: 2000-03-29

; PRIOR APPLICATION NUMBER: 60/127,352

; PRIOR FILING DATE: 1999-04-01

; PRIOR APPLICATION NUMBER: 60/178,965

; PRIOR FILING DATE: 2000-02-01

; NUMBER OF SEQ ID NOS: 1387

; SOFTWARE: CuraPatSeqFormatter Version 0.9

; SEQ ID NO 1126

; LENGTH: 212

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (0)...(0)

; OTHER INFORMATION: Polypeptide Accession Number P45877

US-09-538-092-1126

Query Match 100.0%; Score 48; DB 4; Length 212;

Best Local Similarity 100.0%; Pred. No. 0.25;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGDI 9

Db 93 DFMIQGGDI 101

RESULT 3

US-09-513-999C-8064

; Sequence 8064, Application US/09513999C

; Patent No. 6783961

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert, A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6783961

; FILE REFERENCE: 59.US2.REG

; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26

; NUMBER OF SEQ ID NOS: 36681

; SOFTWARE: Patent.pm

; SEQ ID NO 8064

; LENGTH: 113

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 36

; OTHER INFORMATION: Xaa=Cys or Ser

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 51

; OTHER INFORMATION: Xaa=Pro or Thr

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 108

; OTHER INFORMATION: Xaa=Leu or Met or Val

US-09-513-999C-8064

Query Match 91.7%; Score 44; DB 4; Length 113;

Best Local Similarity 100.0%; Pred. No. 0.69;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8

Db 59 DFMIQGGD 66

RESULT 4

US-09-270-767-32732

; Sequence 32732, Application US/09270767

; Patent No. 6703491

; GENERAL INFORMATION:

; APPLICANT: Homburger et al.

; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

; FILE REFERENCE: File Reference: 7326-094

; CURRENT APPLICATION NUMBER: US/09/270,767

; CURRENT FILING DATE: 1999-03-17

; NUMBER OF SEQ ID NOS: 62517

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 32732

; LENGTH: 114

; TYPE: PRT

; ORGANISM: Drosophila melanogaster

; FEATURE:

; OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-32732

Query Match 91.7%; Score 44; DB 4; Length 114;

Best Local Similarity 100.0%; Pred. No. 0.7;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8

Db 90 DFMIQGGD 97

RESULT 5

US-09-270-767-47949

; Sequence 47949, Application US/09270767

; Patent No. 6703491

; GENERAL INFORMATION:

; APPLICANT: Homburger et al.

; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster

; FILE REFERENCE: File Reference: 7326-094

; CURRENT APPLICATION NUMBER: US/09/270,767

; CURRENT FILING DATE: 1999-03-17

; NUMBER OF SEQ ID NOS: 62517

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 47949

; LENGTH: 114

; TYPE: PRT

; ORGANISM: Drosophila melanogaster

; FEATURE:

; OTHER INFORMATION: Xaa means any amino acid

US-09-270-767-47949

Query Match 91.7%; Score 44; DB 4; Length 114;

Best Local Similarity 100.0%; Pred. No. 0.7;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8

Db 90 DFMIQGGD 97

RESULT 6

US-09-107-532A-6729

; Sequence 6729, Application US/09107532A

; Patent No. 6583275

; GENERAL INFORMATION:

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;
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
;
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 6729:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 124 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...124
; SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
;
; US-09-107-532A-6729
;
; Query Match 91.7%; Score 44; DB 4; Length 124;
; Best Local Similarity 100.0%; Pred. No. 0.76;
; Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 DFMIQGGD 8
; Db 70 DFMIQGGD 77
;
; RESULT 7
; US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
;
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
;
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 6729:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 124 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...124
; SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
;
; US-09-107-532A-6729
;
; Query Match 91.7%; Score 44; DB 4; Length 124;
; Best Local Similarity 100.0%; Pred. No. 0.76;
; Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 DFMIQGGD 8
; Db 70 DFMIQGGD 77
;
; RESULT 7
; US-08-482-728A-10
; Sequence 10, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802e1 Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
;
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
;
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-482-728A-10
;
; Query Match 91.7%; Score 44; DB 2; Length 126;
; Best Local Similarity 100.0%; Pred. No. 0.78;
; Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 1 DFMIQGGD 8
; Db 42 DFMIQGGD 49
;
; RESULT 8
; US-09-513-999C-4171
; Sequence 4171, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 4171
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -33..-1
; OTHER INFORMATION: score 9.9
; OTHER INFORMATION: seq SVFFLLLPGPSAA/DE
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 116
; OTHER INFORMATION: Xaa=Ala or Pro or Ser or Thr
; NAME/KEY: UNSURE
; LOCATION: 126
; OTHER INFORMATION: Xaa= * or Ser
; US-09-513-999C-4171
;
; Query Match 91.7%; Score 44; DB 4; Length 166;
; Best Local Similarity 100.0%; Pred. No. 1.1;
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Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |

Db 99 DFMIQGGD 106

RESULT 9
US-09-134-000C-3739
; Sequence 3739, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3739
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3739

Query Match 91.7%; Score 44; DB 4; Length 175;
Best Local Similarity 100.0%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |

Db 41 DFMIQGGD 48

RESULT 10
US-09-949-016-7506
; Sequence 7506, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7506
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7506

Query Match 91.7%; Score 44; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |

Db 78 DFMIQGGD 85

RESULT 11
US-09-270-767-33856

; Sequence 33856, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33856
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-33856

Query Match 91.7%; Score 44; DB 4; Length 186;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |

Db 78 DFMIQGGD 85

RESULT 12
US-09-270-767-49073
; Sequence 49073, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 49073
; LENGTH: 186
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-49073

Query Match 91.7%; Score 44; DB 4; Length 186;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |

Db 78 DFMIQGGD 85

RESULT 13
US-10-043-142-10
; Sequence 10, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203

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; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-10-043-142-10

Query Match      91.7%; Score 44; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      85 DFMIQGGD 92

RESULT 14
US-09-806-399-10
; Sequence 10, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Orpinomyces sp.
US-09-806-399-10

Query Match      91.7%; Score 44; DB 4; Length 203;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      85 DFMIQGGD 92

RESULT 15
US-10-043-142-11
; Sequence 11, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-043-142-11

Query Match      91.7%; Score 44; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      90 DFMIQGGD 97

RESULT 16
US-09-806-399-11
; Sequence 11, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-806-399-11

Query Match      91.7%; Score 44; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      90 DFMIQGGD 97

RESULT 17
US-08-142-897-7
; Sequence 7, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
```

; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 208 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-7

Query Match 91.7%; Score 44; DB 1; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
|||
Db 91 DFMIQGGD 98

RESULT 18

US-10-043-142-12
; Sequence 12, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 07883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-142-12

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
|||
Db 91 DFMIQGGD 98

RESULT 19

US-09-806-399-12
; Sequence 12, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 07883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 12
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-806-399-12

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
|||
Db 91 DFMIQGGD 98

RESULT 20

US-09-538-092-994
; Sequence 994, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 994
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P23284
US-09-538-092-994

Query Match 91.7%; Score 44; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
|||
Db 91 DFMIQGGD 98

RESULT 21

US-08-142-897-5
; Sequence 5, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 212 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-5

Query Match 91.7%; Score 44; DB 1; Length 212;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 93 DFMIQGGD 100

RESULT 22

US-10-043-142-5
; Sequence 5, Application US/10043142
; Patent No. 6607904
; GENERAL INFORMATION:
; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/10/043,142
; CURRENT FILING DATE: 2002-01-14
; PRIOR APPLICATION NUMBER: 09/806,399
; PRIOR FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-10-043-142-5

Query Match 91.7%; Score 44; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 90 DFMIQGGD 97

RESULT 23

US-09-806-399-5
; Sequence 5, Application US/09806399
; Patent No. 6638737
; GENERAL INFORMATION:

; APPLICANT: DERKX, PATRICK M.F.
; APPLICANT: MADRID, SUSAN M.
; TITLE OF INVENTION: PEPTIDYL PROLYL CIS-TRANS ISOMERASES
; FILE REFERENCE: 078883/0128
; CURRENT APPLICATION NUMBER: US/09/806,399
; CURRENT FILING DATE: 2002-03-30
; PRIOR APPLICATION NUMBER: PCT/IB99/01669
; PRIOR FILING DATE: 1999-09-30
; PRIOR APPLICATION NUMBER: GB 9821198.0
; PRIOR FILING DATE: 1998-09-30
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 212
; TYPE: PRT
; ORGANISM: Aspergillus niger
US-09-806-399-5

Query Match 91.7%; Score 44; DB 4; Length 212;
Best Local Similarity 100.0%; Pred. No. 1.4;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 90 DFMIQGGD 97

RESULT 24

US-09-107-532A-4964
; Sequence 4964, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4964:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 274 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:

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; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...274
; SEQUENCE DESCRIPTION: SEQ ID NO: 4964:
US-09-107-532A-4964

Query Match          91.7%; Score 44; DB 4; Length 274;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      138 DFMIQGGD 145

RESULT 25
US-09-583-110-3345
; Sequence 3345, Application US/09583110
; Patent No. 6699703
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al.
; TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
; TITLE OF INVENTION: Pneumoniae for Diagnostics and Therapeutics
; FILE REFERENCE: PATH00-07A
; CURRENT APPLICATION NUMBER: US/09/583,110
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/107,433
; PRIOR FILING DATE: 1998-06-30
; PRIOR APPLICATION NUMBER: US 60/085,131
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: US 60/051,553
; PRIOR FILING DATE: 1997-07-02
; NUMBER OF SEQ ID NOS: 5322
; SEQ ID NO 3345
; LENGTH: 466
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-09-583-110-3345

Query Match          91.7%; Score 44; DB 4; Length 466;
Best Local Similarity 100.0%; Pred. No. 3.2;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      331 DFMIQGGD 338

RESULT 26
US-09-107-433-4470
; Sequence 4470, Application US/09107433
; Patent No. 6800744
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID
; SEQUENCES RELATING TO STREPTOCOCCUS PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 5206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: <Unknown>
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: <Unknown>
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,433
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICANT: Buchbinder, Jenny
```

```

; APPLICATION NUMBER: 60/ 085131
; FILING DATE: May 12, 1998
; APPLICATION NUMBER: 60/051553
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Streptococcus pneumoniae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (B) LOCATION 1...472
; SEQUENCE DESCRIPTION: SEQ ID NO: 4470:
US-09-107-433-4470

Query Match          91.7%; Score 44; DB 4; Length 472;
Best Local Similarity 100.0%; Pred. No. 3.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      337 DFMIQGGD 344

RESULT 27
US-09-134-001C-3111
; Sequence 3111, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC-007
; CURRENT APPLICATION NUMBER: US/09/134,001C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 3111
; LENGTH: 203
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-3111

Query Match          89.6%; Score 43; DB 3; Length 203;
Best Local Similarity 87.5%; Pred. No. 2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
Db      69 DFMIQGGD 76

RESULT 28
US-09-976-594-375
; Sequence 375, Application US/09976594
; Patent No. 6673549
; GENERAL INFORMATION:
; APPLICANT: Furness, Michael
; APPLICANT: Buchbinder, Jenny
```



```
; TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
; FILE REFERENCE: PA-0041 US
; CURRENT APPLICATION NUMBER: US/09/976,594
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,409
; PRIOR FILING DATE: 2000-10-12
; NUMBER OF SEQ ID NOS: 1143
; SOFTWARE: PERL Program
; SEQ ID NO 375
; LENGTH: 754
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6673549 3688791CD1
US-09-976-594-375

Query Match      89.6%; Score 43; DB 4; Length 754;
Best Local Similarity 87.5%; Pred. No. 8.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIOGGD 8
      |||:||||
Db      71 DFMVQGGD 78

RESULT 29
US-09-949-016-11129
; Sequence 11129, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11129
; LENGTH: 760
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11129

Query Match      89.6%; Score 43; DB 4; Length 760;
Best Local Similarity 87.5%; Pred. No. 8.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIOGGD 8
      |||:||||
Db      77 DFMVQGGD 84

RESULT 30
US-08-482-728A-16
; Sequence 16, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
```

```
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-16

Query Match      87.5%; Score 42; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 1.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIOGGD 8
      |||:||||
Db      42 DFMLOGGD 49

RESULT 31
US-08-142-897-9
; Sequence 9, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
```

```
/ NAME: Dunn, Tracy D.
/ REGISTRATION NUMBER: 34,587
/ REFERENCE/DOCKET NUMBER: 5490A-92-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-326-2400
/ TELEFAX: 415-326-2422
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 162 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-142-897-9

Query Match      87.5%; Score 42; DB 1; Length 162;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      57 DFMLQGGD 64

RESULT 32
US-08-145-995A-14
; Sequence 14, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-14

Query Match      87.5%; Score 42; DB 1; Length 162;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      57 DFMLQGGD 64

/ NAME: Dunn, Tracy D.
/ REGISTRATION NUMBER: 34,587
/ REFERENCE/DOCKET NUMBER: 5490A-92-1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-326-2400
/ TELEFAX: 415-326-2422
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 162 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-142-897-9

Query Match      87.5%; Score 42; DB 1; Length 162;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      57 DFMLQGGD 64

RESULT 33
US-08-451-747-14
; Sequence 14, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-14

Query Match      87.5%; Score 42; DB 2; Length 162;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      57 DFMLQGGD 64

RESULT 34
US-09-134-852-14
; Sequence 14, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
```

STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-134-852-14

Query Match 87.5%; Score 42; DB 3; Length 162;
Best Local Similarity 87.5%; Pred. No. 2.4;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
Db 57 DFMLQGGD 64

RESULT 35
US-08-482-728A-14
Sequence 14, Application US/08482728A
Patent No. 5968802
GENERAL INFORMATION:
APPLICANT: Wang, Bruce
APPLICANT: Fisher, Joseph
APPLICANT: Payan, Donald
TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hohbach, Test, Albritton
ADDRESSEE: & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: United States
ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304

REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 134 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-14

Query Match 81.2%; Score 39; DB 2; Length 134;
Best Local Similarity 87.5%; Pred. No. 6.9;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
Db 50 NFMIQGGD 57

RESULT 36
US-08-145-995A-3
Sequence 3, Application US/08145995A
Patent No. 5482850
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-145-995A-3

Query Match 81.2%; Score 39; DB 1; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
Db 57 DFMLQGGD 64

Db 70 NFMIQGD 77

RESULT 37

US-08-145-995A-4
; Sequence 4, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: protein
; MOLECULE TYPE: protein
US-08-145-995A-4

Query Match 81.2%; Score 39; DB 1; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGD 8

Db 70 NFMIQGD 77

RESULT 38

US-08-451-747-3
; Sequence 3, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 176 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: unknown

; MOLECULE TYPE: protein

US-08-451-747-3

Query Match 81.2%; Score 39; DB 2; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGD 8

Db 70 NFMIQGD 77

RESULT 39

US-08-451-747-4
; Sequence 4, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/451,747

; FILING DATE:

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/145,995

; FILING DATE: 29-OCT-1993

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: WILLIAMS, GREGORY D.

; REGISTRATION NUMBER: 30901

; REFERENCE/DOCKET NUMBER: NEB-046-DIV

TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-451-747-4

Query Match 81.2%; Score 39; DB 2; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
Db 70 NFMIQGGD 77

RESULT 40
US-09-134-852-3
Sequence 3, Application US/09134852
Patent No. 6127148
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-134-852-3

Query Match 81.2%; Score 39; DB 3; Length 176;
Best Local Similarity 87.5%; Pred. No. 9.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
Db 70 NFMIQGGD 77
Search completed: May 31, 2005, 12:32:05
Job time : 21.4286 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-42
Perfect score: 48
Sequence: 1 DFMIQGGDI 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues

Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

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- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
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- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
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- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
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- 16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
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- 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	44	91.7	9	15	US-10-447-161-85
2	44	91.7	9	16	US-10-788-016-2
3	44	91.7	64	9	US-09-990-747-17
4	44	91.7	166	14	US-10-028-072-8
5	44	91.7	166	14	US-10-140-808-8
6	44	91.7	166	14	US-10-121-049-8
7	44	91.7	166	14	US-10-123-904-8
8	44	91.7	166	14	US-10-140-470-8
9	44	91.7	166	14	US-10-175-746-8
10	44	91.7	166	14	US-10-176-918-8
11	44	91.7	166	14	US-10-176-921-8
12	44	91.7	166	14	US-10-137-865-8
13	44	91.7	166	14	US-10-140-474-8

14	44	91.7	166	14	US-10-142-431-8	Sequence 8, Appli
15	44	91.7	166	14	US-10-143-114-8	Sequence 8, Appli
16	44	91.7	166	14	US-10-142-419-8	Sequence 8, Appli
17	44	91.7	166	14	US-10-123-262-8	Sequence 8, Appli
18	44	91.7	166	14	US-10-142-423-8	Sequence 8, Appli
19	44	91.7	166	14	US-10-121-050-8	Sequence 8, Appli
20	44	91.7	166	14	US-10-141-755-8	Sequence 8, Appli
21	44	91.7	166	14	US-10-143-032-8	Sequence 8, Appli
22	44	91.7	166	14	US-10-123-108-8	Sequence 8, Appli
23	44	91.7	166	14	US-10-123-236-8	Sequence 8, Appli
24	44	91.7	166	14	US-10-123-261-8	Sequence 8, Appli
25	44	91.7	166	14	US-10-140-921-8	Sequence 8, Appli
26	44	91.7	166	14	US-10-123-108-8	Sequence 8, Appli
27	44	91.7	166	14	US-10-121-045-8	Sequence 8, Appli
28	44	91.7	166	14	US-10-123-292-8	Sequence 8, Appli
29	44	91.7	166	14	US-10-123-903-8	Sequence 8, Appli
30	44	91.7	166	14	US-10-124-819-8	Sequence 8, Appli
31	44	91.7	166	14	US-10-124-822-8	Sequence 8, Appli
32	44	91.7	166	14	US-10-140-925-8	Sequence 8, Appli
33	44	91.7	166	14	US-10-160-498-8	Sequence 8, Appli
34	44	91.7	166	14	US-10-124-824-8	Sequence 8, Appli
35	44	91.7	166	14	US-10-127-825A-8	Sequence 8, Appli
36	44	91.7	166	14	US-10-127-829A-8	Sequence 8, Appli
37	44	91.7	166	14	US-10-127-835A-8	Sequence 8, Appli
38	44	91.7	166	14	US-10-127-839A-8	Sequence 8, Appli
39	44	91.7	166	14	US-10-127-901A-8	Sequence 8, Appli
40	44	91.7	166	14	US-10-128-693A-8	Sequence 8, Appli
41	44	91.7	166	14	US-10-131-813A-8	Sequence 8, Appli
42	44	91.7	166	14	US-10-131-818A-8	Sequence 8, Appli
43	44	91.7	166	14	US-10-131-823A-8	Sequence 8, Appli
44	44	91.7	166	14	US-10-131-824A-8	Sequence 8, Appli
45	44	91.7	166	14	US-10-131-830A-8	Sequence 8, Appli

ALIGNMENTS

RESULT 1
US-10-447-161-85
; Sequence 85, Application US/10447161
; Publication No. US20040023314A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Rong-fu
; TITLE OF INVENTION: Mutant Fibronectin and Tumor Metastasis
; FILE REFERENCE: HO-P02484US1
; CURRENT APPLICATION NUMBER: US/10/447,161
; CURRENT FILING DATE: 2003-05-28
; PRIOR APPLICATION NUMBER: 60/383,530
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 85
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-447-161-85

Query Match 91.7%; Score 44; DB 15; Length 9;
Best Local Similarity 100.0%; Pred.No. 1.3e+06;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 DFMIQGGD 8
Db 1 DFMIQGGD 8

RESULT 2
US-10-788-016-2
; Sequence 2, Application US/10788016
; Publication No. US20040141992A1
; GENERAL INFORMATION:

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; APPLICANT: ITOH, Kyogo
; TITLE OF INVENTION: Desensitizers
; FILE REFERENCE: 3190-049
; CURRENT APPLICATION NUMBER: US/10/788,016
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: PCT/JP02/08641
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: JP P2001-260046
; PRIOR FILING DATE: 2001-08-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 9
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Peptide consisting of 9 amino acid residues from the 91st residue
; OTHER INFORMATION: to the 99th residue of cyclophilin B
US-10-788-016-2

Query Match          91.7%; Score 44; DB 16; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.3e+06;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
      |||||
Db      1 DFMIQGGD 8

RESULT 3
US-09-990-747-17
; Sequence 17, Application US/09990747
; Publication No. US20020081688A1
; GENERAL INFORMATION:
; APPLICANT: Kamb et al.
; TITLE OF INVENTION: Retinoid Pathway Assays, and Compositions Therefrom
; FILE REFERENCE: 29345/36934A
; CURRENT APPLICATION NUMBER: US/09/990,747
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: US 60/249,468
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 08/812,994
; PRIOR FILING DATE: 1997-03-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 64
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-990-747-17

Query Match          91.7%; Score 44; DB 9; Length 64;
Best Local Similarity 100.0%; Pred. No. 0.94;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
      |||||
Db      31 DFMIQGGD 38

RESULT 4
US-10-028-072-8
; Sequence 8, Application US/10028072
; Publication No. US20030004311A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
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; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang
; TITLE OF INVENTION:
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/028,072
; CURRENT FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
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; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
Db 59 DFMIQGGD 66

RESULT 5
US-10-140-808-8
; Sequence 8, Application US/10140808
; Publication No. US20030017563A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K

```
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C182
; CURRENT APPLICATION NUMBER: US/10/140,808
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-808-8
```

```
Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66
```

RESULT 6

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US-10-121-049-8
; Sequence 8, Application US/10121049
; Publication No. US20030022239A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C17
; CURRENT APPLICATION NUMBER: US/10/121,049
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-049-8
```

```
Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66
```

RESULT 7

```
US-10-123-904-8
; Sequence 8, Application US/10123904
; Publication No. US20030022328A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C54
; CURRENT APPLICATION NUMBER: US/10/123,904
; CURRENT FILING DATE: 2002-04-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-904-8
```

```
Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66
```

RESULT 8

```
US-10-140-470-8
; Sequence 8, Application US/10140470
; Publication No. US20030022331A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C160
; CURRENT APPLICATION NUMBER: US/10/140,470
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-8
```

```
Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66
```

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 9

US-10-175-746-8
; Sequence 8, Application US/10175746
; Publication No. US20030027270A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-746-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 10

US-10-176-918-8
; Sequence 8, Application US/10176918
; Publication No. US20030027275A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-918-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 11

US-10-176-921-8
; Sequence 8, Application US/10176921
; Publication No. US20030027276A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C288
; CURRENT APPLICATION NUMBER: US/10/176,921
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-921-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 12

US-10-137-865-8
; Sequence 8, Application US/10137865
; Publication No. US20030032155A1

```

; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C154
; CURRENT APPLICATION NUMBER: US/10/137,865
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-865-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
        |||||
Db      59 DFMIQGGD 66

RESULT 13
US-10-140-474-8
; Sequence 8, Application US/10140474
; Publication No. US20030032156A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C162
; CURRENT APPLICATION NUMBER: US/10/140,474
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien

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US-10-140-474-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
        |||||
Db      59 DFMIQGGD 66

RESULT 14
US-10-142-431-8
; Sequence 8, Application US/10142431
; Publication No. US20030036179A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C251
; CURRENT APPLICATION NUMBER: US/10/142,431
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-431-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
        |||||
Db      59 DFMIQGGD 66

RESULT 15
US-10-143-114-8
; Sequence 8, Application US/10143114
; Publication No. US20030036180A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

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; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C211
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-114-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
      |||||
Db      59 DFMIQGGD 66

RESULT 16
US-10-142-419-8
; Sequence 8, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C244
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-419-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
      |||||
Db      59 DFMIQGGD 66

RESULT 17
US-10-123-262-8
; Sequence 8, Application US/10123262
```

```
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-262-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 DFMIQGGD 8
      |||||
Db      59 DFMIQGGD 66

RESULT 18
US-10-142-423-8
; Sequence 8, Application US/10142423
; Publication No. US20030049817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C249
; CURRENT APPLICATION NUMBER: US/10/142,423
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
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; ORGANISM: Homo Sapien
US-10-142-423-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 19
US-10-121-050-8
; Sequence 8, Application US/10121050
; Publication No. US20030054516A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-050-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 20
US-10-141-755-8
; Sequence 8, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
```

```
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-755-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 21
US-10-143-032-8
; Sequence 8, Application US/10143032
; Publication No. US20030059909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C245
; CURRENT APPLICATION NUMBER: US/10/143,032
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-032-8

Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 DFMIQGGD 8
Db      59 DFMIQGGD 66

RESULT 22
US-10-123-108-8
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; Sequence 8, Application US/10123108
; Publication No. US20030068793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C36
; CURRENT APPLICATION NUMBER: US/10/123,108
; CURRENT FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059836
; PRIOR FILING DATE: 1997-09-24
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-02-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081695
; PRIOR FILING DATE: 1998-04-14
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081818
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082999
; PRIOR FILING DATE: 1998-04-24
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084637

; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085149
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086414
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/086430
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/088026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088730
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088741
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 19/98-06-11
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089599
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089907
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/089947
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: 60/090349
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 59 DFMIQGGD 66

RESULT 23
US-10-123-236-8
; Sequence 8, Application US/10123236
; Publication No. US20030068795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C33
; CURRENT APPLICATION NUMBER: US/10/123,236
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-236-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 59 DFMIQGGD 66

RESULT 24
US-10-123-261-8
; Sequence 8, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-123-261-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 25

US-10-140-921-8
; Sequence 8, Application US/10140921
; Publication No. US20030068797A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 26

US-10-140-928-8
; Sequence 8, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 27

US-10-121-045-8
; Sequence 8, Application US/10121045
; Publication No. US20030073210A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C8
; CURRENT APPLICATION NUMBER: US/10/121,045
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-045-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 28

US-10-123-292-8
; Sequence 8, Application US/10123292
; Publication No. US20030073211A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C64
; CURRENT APPLICATION NUMBER: US/10/124,822
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-822-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 59 DFMIQGGD 66

RESULT 32

US-10-140-925-8
; Sequence 8, Application US/10140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper

; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-140-925-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 59 DFMIQGGD 66

RESULT 33

US-10-160-498-8
; Sequence 8, Application US/10160498
; Publication No. US20030073216A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C451
; CURRENT APPLICATION NUMBER: US/10/160,498
; CURRENT FILING DATE: 2002-05-30

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-160-498-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||
Db 59 DFMIQGGD 66

RESULT 34

US-10-124-824-8
; Sequence 8, Application US/10124824
; Publication No. US20030077659A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C68
; CURRENT APPLICATION NUMBER: US/10/124,824
; CURRENT FILING DATE: 2002-04-17

; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-124-824-8

Query Match 91.7%; Score 44; DB 14; Length 166;

Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||||
Db 59 DFMIQGGD 66

RESULT 35

US-10-127-825A-8
; Sequence 8, Application US/10127825A
; Publication No. US20030077710A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C84

; CURRENT APPLICATION NUMBER: US/10/127, 825A

; CURRENT FILING DATE: 2002-04-22

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-127-825A-8

Query Match 91.7%; Score 44; DB 14; Length 166;

Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||||
Db 59 DFMIQGGD 66

RESULT 36

US-10-127-829A-8
; Sequence 8, Application US/10127829A
; Publication No. US2003007771A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3330R1C85

; CURRENT APPLICATION NUMBER: US/10/127, 829A

; CURRENT FILING DATE: 2002-10-15

; PRIOR APPLICATION NUMBER: 60/049911

; PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059184

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-19

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 8

; LENGTH: 166

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-127-829A-8

Query Match 91.7%; Score 44; DB 14; Length 166;

Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
|||||
Db 59 DFMIQGGD 66

RESULT 37

US-10-127-835A-8
; Sequence 8, Application US/10127835A
; Publication No. US20030077712A1

GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

```
; APPLICANT: Gao,Wei-Qiang
; APPLICANT: Gerritsen,Mary E.
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Sherwood,Steven
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C102
; CURRENT APPLICATION NUMBER: US/10/127,835A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-835A-8
```

```
Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
```

```
Qy      1 DFMIQGGD 8
      |||||
Db      59 DFMIQGGD 66
```

```
RESULT 38
US-10-127-839A-8
; Sequence 8, Application US/10127839A
; Publication No. US2003007713A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C105
; CURRENT APPLICATION NUMBER: US/10/127,839A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-839A-8
```

```
Query Match          91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches      8; Conservative      0; Mismatches      0; Indels      0; Gaps      0;
```

```
Qy      1 DFMIQGGD 8
      |||||
Db      59 DFMIQGGD 66
```

```
RESULT 39
US-10-127-901A-8
; Sequence 8, Application US/10127901A
; Publication No. US2003007714A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C86
; CURRENT APPLICATION NUMBER: US/10/127,901A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
```

; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-901A-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

RESULT 40
US-10-128-693A-8
; Sequence 8, Application US/10128693A
; Publication No. US2003007715A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C120
; CURRENT APPLICATION NUMBER: US/10/128,693A
; CURRENT FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 8
; LENGTH: 166
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-128-693A-8

Query Match 91.7%; Score 44; DB 14; Length 166;
Best Local Similarity 100.0%; Pred. No. 2.5;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DFMIQGGD 8
| | | | |
Db 59 DFMIQGGD 66

Search completed: May 31, 2005, 12:39:27
Job time : 45.2857 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 20.4286 Seconds
(without alignments)
32.887 Million cell updates/sec

Title: US-09-720-469A-43
Perfect score: 49
Sequence: 1 TFHRVIPSF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	49	100.0	126	2	US-08-482-728A-12
2	49	100.0	207	4	US-09-434-354-40
3	49	100.0	207	4	US-09-538-092-1042
4	49	100.0	207	4	US-09-709-785-40
5	49	100.0	222	4	US-09-949-016-7645
6	46	93.9	205	1	US-08-142-897-6
7	46	93.9	205	4	US-09-538-092-386
8	45	91.8	171	1	US-08-145-995A-10
9	45	91.8	171	2	US-08-451-747-10
10	45	91.8	171	3	US-09-134-852-10
11	45	91.8	192	4	US-09-489-039A-11077
12	45	91.8	198	4	US-09-543-681A-6912
13	41	83.7	126	2	US-08-482-728A-15
14	41	83.7	165	1	US-08-145-995A-11
15	41	83.7	165	2	US-08-451-747-11
16	41	83.7	165	3	US-09-134-852-11
17	41	83.7	171	3	US-09-028-366-7
18	41	83.7	171	4	US-09-715-285-7
19	40	81.6	124	4	US-09-107-532A-6729
20	40	81.6	126	2	US-08-482-728A-16
21	40	81.6	141	2	US-08-658-639-14
22	40	81.6	141	3	US-08-944-604-14
23	40	81.6	162	1	US-08-142-897-9
24	40	81.6	162	1	US-08-145-995A-14
25	40	81.6	162	2	US-08-451-747-14
26	40	81.6	162	3	US-09-134-852-14
27	40	81.6	163	1	US-08-142-897-8

28	40	81.6	164	1	US-08-145-995A-9	Sequence 9, Appli
29	40	81.6	164	2	US-08-451-747-9	Sequence 9, Appli
30	40	81.6	164	3	US-09-134-852-9	Sequence 9, Appli
31	40	81.6	168	1	US-08-145-995A-12	Sequence 12, Appl
32	40	81.6	168	2	US-08-451-747-12	Sequence 12, Appl
33	40	81.6	168	3	US-09-134-852-12	Sequence 12, Appl
34	40	81.6	169	1	US-08-145-995A-7	Sequence 7, Appli
35	40	81.6	169	2	US-08-451-747-7	Sequence 7, Appli
36	40	81.6	169	3	US-09-134-852-7	Sequence 7, Appli
37	40	81.6	175	4	US-09-134-000C-3739	Sequence 3739, Ap
38	40	81.6	182	4	US-09-902-540-13998	Sequence 13998, A
39	40	81.6	187	4	US-09-328-352-4950	Sequence 4950, Ap
40	40	81.6	192	4	US-09-252-991A-21657	Sequence 21657, A
41	40	81.6	273	2	US-08-989-386-8	Sequence 8, Appli
42	40	81.6	276	2	US-08-989-386-3	Sequence 3, Appli
43	40	81.6	296	3	US-08-944-604-20	Sequence 20, Appl
44	40	81.6	301	3	US-08-944-604-18	Sequence 18, Appl
45	40	81.6	303	4	US-09-949-016-8260	Sequence 8260, Ap

ALIGNMENTS

RESULT 1
US-08-482-728A-12
; Sequence 12, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-12

Query Match 100.0%; Score 49; DB 2; Length 126;
Best Local Similarity 100.0%; Pred. No. 0.018;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TFHRVIPSF 9
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Db 35 TFHRVIPSF 43

RESULT 2

US-09-434-354-40

; Sequence 40, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 66088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-434-354-40

Query Match 100.0%; Score 49; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9

|||||

Db 94 TFHRVIPSF 102

RESULT 3

US-09-538-092-1042

; Sequence 1042, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 1042
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number P30405
US-09-538-092-1042

Query Match 100.0%; Score 49; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9

|||||

Db 94 TFHRVIPSF 102

RESULT 4

US-09-709-785-40

; Sequence 40, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelebi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 66088.433C1
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 40
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-709-785-40

Query Match 100.0%; Score 49; DB 4; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.031;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9

|||||

Db 94 TFHRVIPSF 102

RESULT 5

US-09-949-016-7645

; Sequence 7645, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7645
; LENGTH: 222
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-7645

Query Match 100.0%; Score 49; DB 4; Length 222;
Best Local Similarity 100.0%; Pred. No. 0.033;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9

|||||

Db 109 TFHRVIPSF 117

RESULT 6

US-08-142-897-6

; Sequence 6, Application US/08142897


```
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 205 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-142-897-6

Query Match      93.9%; Score 46; DB 1; Length 205;
Best Local Similarity 88.9%; Pred. No. 0.12;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      |||||
Db      85 TFHRVIPNF 93

RESULT 7
US-09-538-092-386
; Sequence 386, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 386
; LENGTH: 205
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; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YHR057C
US-09-538-092-386

Query Match      93.9%; Score 46; DB 4; Length 205;
Best Local Similarity 88.9%; Pred. No. 0.12;
Matches      8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      |||||
Db      85 TFHRVIPNF 93

RESULT 8
US-08-145-995A-10
; Sequence 10, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-145-995A-10

Query Match      91.8%; Score 45; DB 1; Length 171;
Best Local Similarity 88.9%; Pred. No. 0.16;
Matches      8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      |||||
Db      59 TFHRVIPGF 67

RESULT 9
US-08-451-747-10
; Sequence 10, Application US/08451747
```

```
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM: Floppy disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-10

Query Match 91.8%; Score 45; DB 2; Length 171;
Best Local Similarity 88.9%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 59 TFHRVIPGF 67

RESULT 10
US-09-134-852-10
; Sequence 10, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-10

Query Match 91.8%; Score 45; DB 3; Length 171;
Best Local Similarity 88.9%; Pred. No. 0.16;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 59 TFHRVIPGF 67

RESULT 11
US-09-489-039A-11077
; Sequence 11077, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 11077
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-11077

Query Match 91.8%; Score 45; DB 4; Length 192;
Best Local Similarity 88.9%; Pred. No. 0.18;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 71 TFHRVIPGF 79

RESULT 12
US-09-543-681A-6912
; Sequence 6912, Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:
; APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
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; FILE REFERENCE: 2709.1002-001
; CURRENT APPLICATION NUMBER: US/09/543,681A
; CURRENT FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: US 60/128,706
; PRIOR FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 6912
; LENGTH: 198
; TYPE: PRT
; ORGANISM: Proteus mirabilis
US-09-543-681A-6912

Query Match      91.8%; Score 45; DB 4; Length 198;
Best Local Similarity 88.9%; Pred. No. 0.19;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFRVIPSF 9
Db      76 TFRVIPGF 84

RESULT 13
US-08-482-728A-15
; Sequence 15, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Payan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,728A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 126 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-482-728A-15

Query Match      83.7%; Score 41; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 0.73;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
Db      36 FHRVIPNF 43
```

```
RESULT 14
US-08-145-995A-11
; Sequence 11, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-11

Query Match      83.7%; Score 41; DB 1; Length 165;
Best Local Similarity 87.5%; Pred. No. 0.99;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
Db      54 FHRVIPNF 61

RESULT 15
US-08-451-747-11
; Sequence 11, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-11

Query Match      83.7%; Score 41; DB 2; Length 165;
Best Local Similarity 87.5%; Pred. No. 0.99;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2 FHRVIPSF 9
Db      54 FHRVIPNF 61

RESULT 16
US-09-134-852-11
; Sequence 11, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
```

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;
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 165 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-11

Query Match      83.7%; Score 41; DB 3; Length 165;
Best Local Similarity 87.5%; Pred. No. 0.99;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2 FHRVIPSF 9
Db      54 FHRVIPNF 61

RESULT 17
US-09-028-366-7
; Sequence 7, Application US/09028366
; Patent No. 6150501
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: HONG, XIQIANG
; APPLICANT: MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; TITLE OF INVENTION: CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; CITY: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/028,366
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Gregory D
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 978-927-5054
; TELEFAX: 978-927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 171 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-028-366-7

Query Match      83.7%; Score 41; DB 3; Length 171;
Best Local Similarity 87.5%; Pred. No. 1;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      2 FHRVIPSF 9
Db      54 FHRVIPNF 61
```

Db 60 FHRVIPNF 67

RESULT 18

US-09-715-285-7
; Sequence 7, Application US/09715285
; Patent No. 6649395
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; HONG, XIQIANG
; MA, DONG
; TITLE OF INVENTION: NOVEL TYROSINE-CONTAINING
; CYCLOPHILIN AND RELATED METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: New England Biolabs, Inc.
; STREET: 32 Tozer Road
; City: Beverly
; STATE: MA
; COUNTRY: US
; ZIP: 01915

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/715,285
FILING DATE: 17-No. 6649395-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/028,366
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Gregory D
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-133
TELECOMMUNICATION INFORMATION:
TELEPHONE: 978-927-5054
TELEFAX: 978-927-1705
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 171 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-715-285-7

Query Match 83.7%; Score 41; DB 4; Length 171;
Best Local Similarity 87.5%; Pred. NO. 1;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9

Db 60 FHRVIPNF 67

RESULT 19

US-09-107-532A-6729
; Sequence 6729, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham

STATE: Massachusetts
COUNTRY: USA
ZIP: 02354
COMPUTER READABLE FORM:
MEDIUM TYPE: CD-ROM ISO9660
COMPUTER: PC
OPERATING SYSTEM: <Unknown>
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/107,532A
FILING DATE: 30-Jun-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/085,598
FILING DATE: 14 May 1998
APPLICATION NUMBER: 60/051571
FILING DATE: July 2, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ariniello, Pamela Deneke
REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (781)893-5007
TELEFAX: (781)893-8277
INFORMATION FOR SEQ ID NO: 6729:
SEQUENCE CHARACTERISTICS:
LENGTH: 124 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: YES
ORIGINAL SOURCE:
ORGANISM: Enterococcus faecium
FEATURE:
NAME/KEY: misc feature
LOCATION: (B) LOCATION 1...124
SEQUENCE DESCRIPTION: SEQ ID NO: 6729:
US-09-107-532A-6729

Query Match 81.6%; Score 40; DB 4; Length 124;
Best Local Similarity 87.5%; Pred. NO. 1.1;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9

Db 64 FHRVIPDF 71

RESULT 20

US-08-482-728A-16
; Sequence 16, Application US/08482728A
; Patent No. 5968802
; GENERAL INFORMATION:
; APPLICANT: Wang, Bruce
; APPLICANT: Fisher, Joseph
; APPLICANT: Pavan, Donald
; TITLE OF INVENTION: No. 5968802el Nuclear Cyclophilin
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hohbach, Test, Albritton
; ADDRESSEE: & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,728A
FILING DATE: 07-JUN-1995

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Silva, Robin M.
REGISTRATION NUMBER: 38,304
REFERENCE/DOCKET NUMBER: A-61230/DJB/RMS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
TELEFAX: (415) 398-3249
TELEX: 910 277299
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 126 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-08-482-728A-16

Query Match 81.6%; Score 40; DB 2; Length 126;
Best Local Similarity 87.5%; Pred. No. 1.2;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 36 FHRVIPDF 43

RESULT 21
US-08-658-639-14
Sequence 14, Application US/08658639
Patent No. 5914238
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/658,639
FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 141 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-658-639-14

Query Match 81.6%; Score 40; DB 2; Length 141;
Best Local Similarity 66.7%; Pred. No. 1.3;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 29 SFHRIIPQF 37
RESULT 22
US-08-944-604-14
Sequence 14, Application US/08944604
Patent No. 6218131
GENERAL INFORMATION:
APPLICANT: KEESEE, SUSAN
APPLICANT: OBAR, ROBERT
APPLICANT: WU, YING-JYE
TITLE OF INVENTION: MATERIALS AND METHODS FOR DETECTION OF
TITLE OF INVENTION: BREAST CANCER
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Testa, Hurwitz & Thibeault
STREET: 125 High St.
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,604
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
REGISTRATION NUMBER: 36,989
REFERENCE/DOCKET NUMBER: MTP-021 (8395/24)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-7000
TELEFAX: (617) 248-7100
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 141 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-944-604-14

Query Match 81.6%; Score 40; DB 3; Length 141;
Best Local Similarity 66.7%; Pred. No. 1.3;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 29 SFHRIIPQF 37

RESULT 23
US-08-142-897-9
Sequence 9, Application US/08142897
Patent No. 5447852
GENERAL INFORMATION:
APPLICANT: Friedman, Jeffrey S.
APPLICANT: Weissman, Irving L.
TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
TITLE OF INVENTION: and Uses
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Tracy J. Dunn
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California

; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-9

Query Match 81.6%; Score 40; DB 1; Length 162;
Best Local Similarity 87.5%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9
Db 51 FHRVIPDF 58

RESULT 24
US-08-145-995A-14
; Sequence 14, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-14

Query Match 81.6%; Score 40; DB 1; Length 162;
Best Local Similarity 87.5%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9
Db 51 FHRVIPDF 58

RESULT 25
US-08-451-747-14
; Sequence 14, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-14

Query Match 81.6%; Score 40; DB 2; Length 162;
Best Local Similarity 87.5%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 51 FHRVIPDF 58

RESULT 26

US-09-134-852-14
; Sequence 14, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 162 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-14

Query Match 81.6%; Score 40; DB 3; Length 162;
Best Local Similarity 87.5%; Pred. No. 1.5;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 51 FHRVIPDF 58

RESULT 27

US-08-142-897-8
; Sequence 8, Application US/08142897
; Patent No. 5447852
; GENERAL INFORMATION:
; APPLICANT: Friedman, Jeffrey S.
; APPLICANT: Weissman, Irving L.
; TITLE OF INVENTION: No. 5447852el Cyclophilins, Associating Proteins
; TITLE OF INVENTION: and Uses
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tracy J. Dunn

STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,897
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/005,917
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/740,375
; FILING DATE: 05-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Dunn, Tracy D.
; REGISTRATION NUMBER: 34,587
; REFERENCE/DOCKET NUMBER: 5490A-92-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 163 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-142-897-8

Query Match 81.6%; Score 40; DB 1; Length 163;
Best Local Similarity 66.7%; Pred. No. 1.5;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 51 SFHRVIPGF 59

RESULT 28

US-08-145-995A-9
; Sequence 9, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:

; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-9

Query Match 81.6%; Score 40; DB 1; Length 164;
Best Local Similarity 66.7%; Pred. No. 1.6;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
:||||:|
Db 52 SFHRIIPGF 60

RESULT 29
US-08-451-747-9
; Sequence 9, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:

; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-9
Query Match 81.6%; Score 40; DB 2; Length 164;

Best Local Similarity 66.7%; Pred. No. 1.6;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
QY 1 TFHRVIPSF 9
:||||:|
Db 52 SFHRIIPGF 60

RESULT 30
US-09-134-852-9
; Sequence 9, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 164 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-9

Query Match 81.6%; Score 40; DB 3; Length 164;
Best Local Similarity 66.7%; Pred. No. 1.6;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
:||||:|
Db 52 SFHRIIPGF 60

RESULT 31
US-08-145-995A-12
; Sequence 12, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS

NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/145,995A
FILING DATE: 29-OCT-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 168 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: protein
MOLECULE TYPE: protein
US-08-145-995A-12

Query Match 81.6%; Score 40; DB 1; Length 168;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9
Db 56 FHRVIPQF 63

RESULT 32
US-08-451-747-12
Sequence 12, Application US/08451747
Patent No. 5821107
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
STREET: 32 TOZER ROAD
CITY: BEVERLY
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 01915
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/451,747
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993

CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAMS, GREGORY D.
REGISTRATION NUMBER: 30901
REFERENCE/DOCKET NUMBER: NEB-046-DIV
TELECOMMUNICATION INFORMATION:
TELEPHONE: (508) 927-5054
TELEFAX: (508) 927-1705
TELEX:
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 168 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: protein
MOLECULE TYPE: protein
US-08-451-747-12

Query Match 81.6%; Score 40; DB 2; Length 168;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9
Db 56 FHRVIPQF 63

RESULT 33
US-09-134-852-12
Sequence 12, Application US/09134852
Patent No. 6127148
GENERAL INFORMATION:
APPLICANT: CARLOW, CLOTILDE K.S.
APPLICANT: PAGE, ANTONY
TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
TITLE OF INVENTION: COMPOUNDS
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
ADDRESSEE: CUSHMAN
STREET: 130 WATER STREET
CITY: BOSTON
STATE: MASSACHUSETTS
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,852
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/145,995
FILING DATE: 29-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: RESNICK, DAVID S.
REGISTRATION NUMBER: 34235
REFERENCE/DOCKET NUMBER: 43406
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 523-3400
TELEFAX: (617) 523-6440
TELEX: 200291 STRE UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 168 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: protein
MOLECULE TYPE: protein
US-09-134-852-12

Query Match 81.6%; Score 40; DB 3; Length 168;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
| | | | | | |
Db 56 FHRVIPQF 63

RESULT 34

US-08-145-995A-7
; Sequence 7, Application US/08145995A
; Patent No. 5482850
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/145,995A
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; TELEX: 200291 STRE UR
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-145-995A-7

Query Match 81.6%; Score 40; DB 1; Length 169;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
| | | | | | |
Db 57 FHRVIPKF 64

RESULT 35

US-08-451-747-7
; Sequence 7, Application US/08451747
; Patent No. 5821107
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GREGORY D. WILLIAMS; NEW ENGLAND BIOLABS, INC.
; STREET: 32 TOZER ROAD
; CITY: BEVERLY
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01915
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,747
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAMS, GREGORY D.
; REGISTRATION NUMBER: 30901
; REFERENCE/DOCKET NUMBER: NEB-046-DIV
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 927-5054
; TELEFAX: (508) 927-1705
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-451-747-7

Query Match 81.6%; Score 40; DB 2; Length 169;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
| | | | | | |
Db 57 FHRVIPKF 64

RESULT 36

US-09-134-852-7
; Sequence 7, Application US/09134852
; Patent No. 6127148
; GENERAL INFORMATION:
; APPLICANT: CARLOW, CLOTILDE K.S.
; APPLICANT: PAGE, ANTONY
; TITLE OF INVENTION: METHOD FOR IDENTIFYING ANTI-PARASITIC
; TITLE OF INVENTION: COMPOUNDS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESSEE: CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/134,852
; FILING DATE:
; CLASSIFICATION:

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/145,995
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 43406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-09-134-852-7

Query Match 81.6%; Score 40; DB 3; Length 169;
Best Local Similarity 87.5%; Pred. No. 1.6;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 57 FHRVIPKF 64

RESULT 37
US-09-134-000C-3739
; Sequence 3739, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3739
; LENGTH: 175
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3739

Query Match 81.6%; Score 40; DB 4; Length 175;
Best Local Similarity 87.5%; Pred. No. 1.7;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 35 FHRVIPDF 42

RESULT 38
US-09-902-540-13998
; Sequence 13998, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
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; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 16825
; SEQ ID NO 13998
; LENGTH: 182
; TYPE: PRT
; ORGANISM: Myxococcus xanthus
US-09-902-540-13998

Query Match 81.6%; Score 40; DB 4; Length 182;
Best Local Similarity 87.5%; Pred. No. 1.8;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 64 FHRVIPGF 71

RESULT 39
US-09-328-352-4950
; Sequence 4950, Application US/09328352
; Patent No. 6562958
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
; TITLE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: GTC99-03PA
; CURRENT APPLICATION NUMBER: US/09/328,352
; CURRENT FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 8252
; SEQ ID NO 4950
; LENGTH: 187
; TYPE: PRT
; ORGANISM: Acinetobacter baumannii
US-09-328-352-4950

Query Match 81.6%; Score 40; DB 4; Length 187;
Best Local Similarity 87.5%; Pred. No. 1.8;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 64 FHRVIPGF 71

RESULT 40
US-09-252-991A-21657
; Sequence 21657, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 21657
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-21657

Query Match 81.6%; Score 40; DB 4; Length 192;
Best Local Similarity 87.5%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
Db 73 FHRVIPGF 80
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Job time : 20.4286 secs

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OM protein - protein search, using sw model

Run on: May 31, 2005, 12:29:31 ; Search time 44.2857 Seconds
(without alignments)
70.107 Million cell updates/sec

Title: US-09-720-469A-43
Perfect score: 49
Sequence: 1 TFRVIPSPF 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1462099 seqs, 344972447 residues
Total number of hits satisfying chosen parameters: 1462099

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*
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2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
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6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	ID	Description
1	49	100.0	207	14	US-10-177-293-368
2	49	100.0	207	15	US-10-170-385-429
3	49	100.0	207	16	US-10-408-765A-665
4	48	98.0	220	15	US-10-424-599-278688
5	48	98.0	238	15	US-10-424-599-278686
6	48	98.0	243	15	US-10-425-114-41174
7	46	93.9	162	15	US-10-072-012-839
8	46	93.9	172	15	US-10-424-599-155969
9	45	91.8	18	10	US-09-891-464-11
10	45	91.8	143	16	US-10-767-701-47262
11	45	91.8	171	16	US-10-767-701-47260
12	45	91.8	172	10	US-09-891-464-8
13	45	91.8	172	15	US-10-424-599-166219

14	45	91.8	172	16	US-10-437-963-160547	Sequence 160547,
15	45	91.8	172	16	US-10-767-701-47259	Sequence 47259, A
16	44	89.8	167	16	US-10-767-701-32680	Sequence 32680, A
17	44	89.8	183	15	US-10-424-599-267984	Sequence 267984,
18	44	89.8	204	15	US-10-424-599-160653	Sequence 160653,
19	44	89.8	243	15	US-10-424-599-160651	Sequence 160651,
20	43	87.8	233	16	US-10-767-701-45325	Sequence 45325, A
21	43	87.8	251	16	US-10-437-963-183800	Sequence 183800,
22	42	85.7	81	15	US-10-424-599-180948	Sequence 180948,
23	42	85.7	172	15	US-10-424-599-166217	Sequence 166217,
24	41	83.7	172	15	US-10-424-599-155970	Sequence 155970,
25	40	81.6	76	14	US-10-029-386-33318	Sequence 33318, A
26	40	81.6	101	16	US-10-437-963-195152	Sequence 195152,
27	40	81.6	132	9	US-09-764-877-1498	Sequence 1498, Ap
28	40	81.6	132	15	US-10-242-515-1498	Sequence 1498, Ap
29	40	81.6	142	15	US-10-424-599-251810	Sequence 251810,
30	40	81.6	165	15	US-10-114-270-72	Sequence 72, Appl
31	40	81.6	165	15	US-10-092-900A-290	Sequence 290, App
32	40	81.6	179	16	US-10-437-963-126802	Sequence 126802,
33	40	81.6	183	16	US-10-767-701-51720	Sequence 51720, A
34	40	81.6	188	15	US-10-425-114-67005	Sequence 67005, A
35	40	81.6	193	15	US-10-425-114-45273	Sequence 45273, A
36	40	81.6	193	15	US-10-425-114-48250	Sequence 48250, A
37	40	81.6	211	15	US-10-424-599-236857	Sequence 236857,
38	40	81.6	221	16	US-10-767-701-52075	Sequence 52075, A
39	40	81.6	301	14	US-10-153-668-280	Sequence 280, App
40	40	81.6	301	14	US-10-205-823-333	Sequence 333, App
41	40	81.6	3224	10	US-09-315-355-34	Sequence 34, Appl
42	39	79.6	66	15	US-10-424-599-244983	Sequence 244983,
43	39	79.6	82	14	US-10-106-698-6865	Sequence 6865, Ap
44	39	79.6	108	9	US-09-864-761-40591	Sequence 40591, A
45	39	79.6	110	15	US-10-424-599-223661	Sequence 223661,

ALIGNMENTS

RESULT 1
US-10-177-293-368
; Sequence 368, Application US/10177293
; Publication No. US20030124128A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Glatt, Karen
; APPLICANT: Zhao, Xumei
; APPLICANT: Gannavarpu, Manjula
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Mertens, Maureen
; APPLICANT: Myer, Vic
; APPLICANT: Wang, Youzhen
; APPLICANT: Xu, Yongyao
; APPLICANT: Hoersch, Sebastian
; APPLICANT: Monahan, John
; APPLICANT: Meyers, Rachel E.
; APPLICANT: Bast Jr., Robert C.
; APPLICANT: Hortobagyi, Gabriel N.
; APPLICANT: Pusztai, Lajos
; APPLICANT: Meric, Funda
; APPLICANT: Sahin, Aysegul
; APPLICANT: Mills, Gordon B.
; TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT,
; TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-038
; CURRENT APPLICATION NUMBER: US/10/177,293
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/299,887
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/301,572
; PRIOR FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: US 60/306,501
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: US 60/325,002
; PRIOR FILING DATE: 2001-09-25

; PRIOR APPLICATION NUMBER: US 60/362,585
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US 60/xxx,xxx
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 506
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 368
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-177-293-368

Query Match 100.0%; Score 49; DB 14; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 94 TFHRVIPSF 102

RESULT 2

US-10-170-385-429
; Sequence 429, Application US/10170385
; Publication No. US20030203372A1
; GENERAL INFORMATION:
; APPLICANT: Ward, Neil Raymond
; APPLICANT: Mundy, Christopher Robert
; APPLICANT: Kan, On
; APPLICANT: Harris, Robert Alan
; APPLICANT: White, Jonathan
; APPLICANT: Binley, Katie Mary
; APPLICANT: Rayner, William Nigel
; APPLICANT: Naylor, Stuart
; APPLICANT: Kingsman, Susan Mary
; APPLICANT: Krige, David
; TITLE OF INVENTION: ANALYSIS METHOD
; FILE REFERENCE: 532682000100
; CURRENT APPLICATION NUMBER: US/10/170,385
; CURRENT FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: PCT/GB02/01662
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: PCT/GB01/05458
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 549
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 429
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-170-385-429

Query Match 100.0%; Score 49; DB 15; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 94 TFHRVIPSF 102

RESULT 3

US-10-408-765A-665
; Sequence 665, Application US/10408765A
; Publication No. US20040101874A1
; GENERAL INFORMATION:
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Fahy, Eoin D.
; APPLICANT: Zhang, Bing
; APPLICANT: Gibson, Bradford W.
; APPLICANT: Taylor, Steven W.
; APPLICANT: Glenn, Gary M.
; APPLICANT: Warnock, Dale E.

; TITLE OF INVENTION: TARGETS FOR THERAPEUTIC INTERVENTION
; TITLE OF INVENTION: IDENTIFIED IN THE MITOCHONDRIAL PROTEOME
; FILE REFERENCE: 660088.465
; CURRENT APPLICATION NUMBER: US/10/408,765A
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 3077
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 665
; LENGTH: 207
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-408-765A-665

Query Match 100.0%; Score 49; DB 16; Length 207;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 94 TFHRVIPSF 102

RESULT 4

US-10-424-599-278688
; Sequence 278688, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 278688
; LENGTH: 220
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_93678C.1.pep
US-10-424-599-278688

Query Match 98.0%; Score 48; DB 15; Length 220;
Best Local Similarity 88.9%; Pred. No. 0.36;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
Db 106 TFHRVIPSF 114

RESULT 5

US-10-424-599-278686
; Sequence 278686, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 278686
; LENGTH: 238
; TYPE: PRT
; ORGANISM: Glycine max

; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_93676C.1.pep
US-10-424-599-278686

Query Match 98.0%; Score 48; DB 15; Length 238;
Best Local Similarity 88.9%; Pred. No. 0.39;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | : | | | |
Db 124 TFHRIIPSF 132

RESULT 6

US-10-425-114-41174
; Sequence 41174, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E.
; APPLICANT: Tabaska, Jack E.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 41174
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3067-025-B4_FLI.pep
US-10-425-114-41174

Query Match 98.0%; Score 48; DB 15; Length 243;
Best Local Similarity 88.9%; Pred. No. 0.4;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | : | | | |
Db 129 TFHRIIPSF 137

RESULT 7

US-10-072-012-839
; Sequence 839, Application US/10072012
; Publication No. US20040033493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Patturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Colman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grosse, William M.
; APPLICANT: Alsobrook II, John P.
; APPLICANT: Lepley, Denise M.

; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; CURRENT FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 839
; LENGTH: 162
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Cyclophilin
; OTHER INFORMATION: type peptidyl-prolyl cis-trans isomerase Consensus
; OTHER INFORMATION: Sequence
US-10-072-012-839

Query Match 93.9%; Score 46; DB 15; Length 162;
Best Local Similarity 88.9%; Pred. No. 0.64;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | : | | | |
Db 49 TFHRVIPNF 57

RESULT 8

US-10-424-599-155969
; Sequence 155969, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155969
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111860C.1.pep
US-10-424-599-155969

Query Match 93.9%; Score 46; DB 15; Length 172;
Best Local Similarity 88.9%; Pred. No. 0.68;

Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | | | | |

Db 59 TFHRVIPNF 67

RESULT 9

US-09-891-464-11

; Sequence 11, Application US/09891464

; Publication No. US20030162175A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: NK Cell Receptor Polynucleotides, Polypeptides, and Antibodies

; FILE REFERENCE: PT037P1

; CURRENT APPLICATION NUMBER: US/09/891,464

; CURRENT FILING DATE: 2001-06-27

; PRIOR APPLICATION NUMBER: PCT/US00/34770

; PRIOR FILING DATE: 2000-12-21

; PRIOR APPLICATION NUMBER: 60/171,506

; PRIOR FILING DATE: 1999-12-22

; NUMBER OF SEQ ID NOS: 11

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 11

; LENGTH: 18

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-891-464-11

Query Match 91.8%; Score 45; DB 10; Length 18;

Best Local Similarity 88.9%; Pred. No. 0.1;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | | | | |

Db 5 TFHRVIPDF 13

RESULT 10

US-10-767-701-47262

; Sequence 47262, Application US/10767701

; Publication No. US20040172684A1

; GENERAL INFORMATION:

; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

; FILE REFERENCE: 38-21(53535)B

; CURRENT APPLICATION NUMBER: US/10/767,701

; CURRENT FILING DATE: 2004-01-29

; NUMBER OF SEQ ID NOS: 63128

; SEQ ID NO 47262

; LENGTH: 143

; TYPE: PRT

; ORGANISM: Sorghum bicolor

; FEATURE:

; NAME/KEY: unsure

; LOCATION: (1)..(143)

; OTHER INFORMATION: unsure at all xaa locations

; FEATURE:

; OTHER INFORMATION: Clone ID: LIB3478-035-P1-K1-A10.pep

US-10-767-701-47262

Query Match 91.8%; Score 45; DB 16; Length 143;

Best Local Similarity 88.9%; Pred. No. 0.87;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | | | | |

Db 73 TFHRVIPQF 81

RESULT 11

US-10-767-701-47260

; Sequence 47260, Application US/10767701

; Publication No. US20040172684A1

; GENERAL INFORMATION:

; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

; FILE REFERENCE: 38-21(53535)B

; CURRENT APPLICATION NUMBER: US/10/767,701

; CURRENT FILING DATE: 2004-01-29

; NUMBER OF SEQ ID NOS: 63128

; SEQ ID NO 47260

; LENGTH: 171

; TYPE: PRT

; ORGANISM: Sorghum bicolor

; FEATURE:

; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_1.pep

US-10-767-701-47260

Query Match 91.8%; Score 45; DB 16; Length 171;

Best Local Similarity 88.9%; Pred. No. 1;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | | | | |

Db 59 TFHRVIPDF 67

RESULT 12

US-09-891-464-8

; Sequence 8, Application US/09891464

; Publication No. US20030162175A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: NK Cell Receptor Polynucleotides, Polypeptides, and Antibodies

; FILE REFERENCE: PT037P1

; CURRENT APPLICATION NUMBER: US/09/891,464

; CURRENT FILING DATE: 2001-06-27

; PRIOR APPLICATION NUMBER: PCT/US00/34770

; PRIOR FILING DATE: 2000-12-21

; PRIOR APPLICATION NUMBER: 60/171,506

; PRIOR FILING DATE: 1999-12-22

; NUMBER OF SEQ ID NOS: 11

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 8

; LENGTH: 172

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-891-464-8

Query Match 91.8%; Score 45; DB 10; Length 172;

Best Local Similarity 88.9%; Pred. No. 1.1;

Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
| | | | | | | |

Db 59 TFHRVIPDF 67

RESULT 13

US-10-424-599-166219

; Sequence 166219, Application US/10424599

; Publication No. US20040031072A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K

; APPLICANT: Zhou Yihua

; APPLICANT: Cao Yongwei

; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

; OTHER INFORMATION: Plants and Uses Thereof for Plant Improvement

```
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 166219
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_121110C.1.pep
US-10-424-599-166219

Query Match          91.8%; Score 45; DB 15; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
       :|||||||
Db      59 SFHRVIPSF 67

RESULT 14
US-10-437-963-160547
; Sequence 160547, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 160547
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_59815C.1.pep
US-10-437-963-160547

Query Match          91.8%; Score 45; DB 16; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
       :|||||||
Db      59 TFHRVIEF 67

RESULT 15
US-10-767-701-47259
; Sequence 47259, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 47259
; LENGTH: 172
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; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C1320_2.pep
US-10-767-701-47259

Query Match          91.8%; Score 45; DB 16; Length 172;
Best Local Similarity 88.9%; Pred. No. 1.1;
Matches 8; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
       :|||||||
Db      59 TFHRVIPQF 67

RESULT 16
US-10-767-701-32680
; Sequence 32680, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 32680
; LENGTH: 167
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C15517_1.pep
US-10-767-701-32680

Query Match          89.8%; Score 44; DB 16; Length 167;
Best Local Similarity 77.8%; Pred. No. 1.6;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
       :|||||||
Db      125 TFHRIIPGF 133

RESULT 17
US-10-424-599-267984
; Sequence 267984, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 267984
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(183)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_84012C.1.pep
US-10-424-599-267984
```

Query Match 89.8%; Score 44; DB 15; Length 183;
Best Local Similarity 77.8%; Pred. No. 1.8;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
:|||||
Db 89 SFHRIIPSF 97

RESULT 18
US-10-424-599-160653
; Sequence 160653, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 160653
; LENGTH: 204
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_116088C.1.pep
US-10-424-599-160653

Query Match 89.8%; Score 44; DB 15; Length 204;
Best Local Similarity 77.8%; Pred. No. 2;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
:|||||
Db 90 SFHRIIPSF 98

RESULT 19
US-10-424-599-160651
; Sequence 160651, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 160651
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_116086C.1.pep
US-10-424-599-160651

Query Match 89.8%; Score 44; DB 15; Length 243;
Best Local Similarity 77.8%; Pred. No. 2.3;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
:|||||
Db 129 SFHRIIPSF 137

RESULT 20
US-10-767-701-45325
; Sequence 45325, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 45325
; LENGTH: 233
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: SORBI-28MAY03-C23514_1.pep
US-10-767-701-45325

Query Match 87.8%; Score 43; DB 16; Length 233;
Best Local Similarity 87.5%; Pred. No. 3.5;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
:|||||
Db 120 FHRIPSPF 127

RESULT 21
US-10-437-963-183800
; Sequence 183800, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 183800
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_80856C.1.pep
US-10-437-963-183800

Query Match 87.8%; Score 43; DB 16; Length 251;
Best Local Similarity 87.5%; Pred. No. 3.8;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2 FHRVIPSF 9
:|||||
Db 138 FHRIPSPF 145

RESULT 22
US-10-424-599-180948
; Sequence 180948, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J

; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(81)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_13440C.1.pep
US-10-424-599-180948

Query Match 85.7%; Score 42; DB 15; Length 81;
Best Local Similarity 66.7%; Pred. No. 1.8;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFRHVIPSF 9
| | | | | | | |
Db 62 TFHKIMPSF 70

RESULT 23

US-10-424-599-166217
; Sequence 166217, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 166217
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_121109C.1.pep
US-10-424-599-166217

Query Match 85.7%; Score 42; DB 15; Length 172;
Best Local Similarity 77.8%; Pred. No. 4;
Matches 7; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 TFRHVIPSF 9
| | | | | | | |
Db 59 SFHRVIPNF 67

RESULT 24

US-10-424-599-155970
; Sequence 155970, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 155970
; LENGTH: 172
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_111861C.1.pep
US-10-424-599-155970

Query Match 83.7%; Score 41; DB 15; Length 172;
Best Local Similarity 87.5%; Pred. No. 6.2;
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 FHRVIPSF 9
| | | | | | | |
Db 60 FHRVIPNF 67

RESULT 25

US-10-029-386-33318
; Sequence 33318, Application US/10029386
; Publication No. US20030194704A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: ABOMICA-X-2
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33318
; LENGTH: 76
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL049824.4
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.6
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.45
; OTHER INFORMATION: SWISSPROT HIT: Q9UNP9, EVALUE 1.00e-34
US-10-029-386-33318

Query Match 81.6%; Score 40; DB 14; Length 76;
Best Local Similarity 66.7%; Pred. No. 4.2;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFRHVIPSF 9
| | | | | | | |
Db 18 SFHRVIPNF 26

RESULT 26

US-10-437-963-195152
; Sequence 195152, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963

```
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 195152
; LENGTH: 101
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(101)
; OTHER INFORMATION: unsure at all xaa locations
; OTHER INFORMATION: Clone ID: PAT_MRT4530_91128C.1.pep
US-10-437-963-195152

Query Match      81.6%; Score 40; DB 16; Length 101;
Best Local Similarity 66.7%; Pred. No. 5.6;
Matches 6; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      ||||:|:|:
Db      51 TFHRLIPT 59

RESULT 27
US-09-764-877-1498
; Sequence 1498, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005
; CURRENT APPLICATION NUMBER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1498
; LENGTH: 132
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (11)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (125)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (127)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (128)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-764-877-1498

Query Match      81.6%; Score 40; DB 9; Length 132;
Best Local Similarity 77.8%; Pred. No. 7.3;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      ||||:|:|:
Db      92 TTHRVPSP 100

RESULT 28
US-10-242-515-1498
; Sequence 1498, Application US/10242515
; Publication No. US20040009488A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC005C1
; CURRENT APPLICATION NUMBER: US/10/242,515
```

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; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: 09/764,877
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1498
; LENGTH: 132
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (11)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (125)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (127)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (128)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-242-515-1498

Query Match      81.6%; Score 40; DB 15; Length 132;
Best Local Similarity 77.8%; Pred. No. 7.3;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      1 TFHRVIPSF 9
      ||||:|:|:
Db      92 TTHRVPSP 100

RESULT 29
US-10-424-599-251810
; Sequence 251810, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated with
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 251810
; LENGTH: 142
; TYPE: PRT
```

; ORGANISM: Glycine max
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(142)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_69411C.1.pep
US-10-424-599-251810

Query Match 81.6%; Score 40; DB 15; Length 142;
Best Local Similarity 77.8%; Pred. No. 7.9;
Matches 7; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 63 TFHRVSPNF 71

RESULT 30
US-10-114-270-72
; Sequence 72, Application US/10114270
; Publication No. US20040030110A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Patturajan, Meera
; APPLICANT: Liu, Ziaohong
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Li, Li
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gorman, Linda
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Ji, Weizhen
; APPLICANT: Anderson, David W.
; APPLICANT: Liete, Mario W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Stone, David J.
; APPLICANT: MacDougall, John R.
; APPLICANT: Rothenberg, Mark E.
; TITLE OF INVENTION: No. US20040030110A1e1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-322C
; CURRENT APPLICATION NUMBER: US/10/114,270
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/281,086
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,136
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/281,863
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/281,906
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 60/282,020
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: 60/282,930
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/282,934
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: 60/283,512
; PRIOR FILING DATE: 2001-04-12

; PRIOR APPLICATION NUMBER: 60/283,710
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/284,234
; PRIOR FILING DATE: 2001-04-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 470
; SEQ ID NO 72
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-114-270-72

Query Match 81.6%; Score 40; DB 15; Length 165;
Best Local Similarity 66.7%; Pred. No. 9.2;
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
Db 52 SFHRIIPGF 60

RESULT 31
US-10-092-900A-290
; Sequence 290, Application US/10092900A
; Publication No. US20040043382A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patturajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Tchernev,, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US20040043382A1e1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27


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; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 290
; LENGTH: 165
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-092-900A-290

Query Match      81.6%; Score 40; DB 15; Length 165;
Best Local Similarity 75.0%; Pred. No. 9.2;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||:|:|
Db      53 FHRIIPAF 60

RESULT 32
US-10-437-963-126802
; Sequence 126802, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 126802
; LENGTH: 179
; TYPE: PRT
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_29313C.1.pep
US-10-437-963-126802

Query Match      81.6%; Score 40; DB 16; Length 179;
Best Local Similarity 75.0%; Pred. No. 10;
Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||:|:|
Db      62 FHRIIIPNF 69

RESULT 33
US-10-767-701-51720
; Sequence 51720, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701

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; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 51720
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB5052-009-A1-XP1-D3.pep
US-10-767-701-51720

Query Match      81.6%; Score 40; DB 16; Length 183;
Best Local Similarity 87.5%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||:|:|
Db      103 FHRVIEPF 110

RESULT 34
US-10-425-114-67005
; Sequence 67005, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 67005
; LENGTH: 188
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB4756-073-86_FLI.pep
US-10-425-114-67005

Query Match      81.6%; Score 40; DB 15; Length 188;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||:|:|
Db      77 FHRVIOPF 84

RESULT 35
US-10-425-114-45273
; Sequence 45273, Application US/10425114
; Publication No. US20040034888A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 45273
; LENGTH: 193
; TYPE: PRT

```



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; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: 700381803_FLI.pep
US-10-425-114-45273

Query Match      81.6%; Score 40; DB 15; Length 193;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||||
Db      79 FHRVIPGF 86

RESULT 36
US-10-425-114-48250
; Sequence 48250, Application US/10425114
; Publication No. US2004003488A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Jingdong
; APPLICANT: Zhou, Yihua
; APPLICANT: Kovalic, David K.
; APPLICANT: Screen, Steven E
; APPLICANT: Tabaska, Jack E
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53313)B
; CURRENT APPLICATION NUMBER: US/10/425,114
; NUMBER OF SEQ ID NOS: 73128
; SEQ ID NO 48250
; LENGTH: 193
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3601-009-C3_FLI.pep
US-10-425-114-48250

Query Match      81.6%; Score 40; DB 15; Length 193;
Best Local Similarity 87.5%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||||
Db      79 FHRVIPGF 86

RESULT 37
US-10-424-599-236857
; Sequence 236857, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 236857
; LENGTH: 211
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep
US-10-424-599-236857

Query Match      81.6%; Score 40; DB 15; Length 211;
Best Local Similarity 87.5%; Pred. No. 12;

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Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||||
Db      94 FHRVIPDF 101

RESULT 38
US-10-767-701-52075
; Sequence 52075, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53535)B
; CURRENT APPLICATION NUMBER: US/10/767,701
; CURRENT FILING DATE: 2004-01-29
; NUMBER OF SEQ ID NOS: 63128
; SEQ ID NO 52075
; LENGTH: 221
; TYPE: PRT
; ORGANISM: Sorghum bicolor
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB5121-006-A1-PF1-A8.pep
US-10-767-701-52075

Query Match      81.6%; Score 40; DB 16; Length 221;
Best Local Similarity 87.5%; Pred. No. 12;
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2 FHRVIPSF 9
      |||||
Db      104 FHRVIPQF 111

RESULT 39
US-10-153-668-280
; Sequence 280, Application US/10153668
; Publication No. US20030092616A1
; GENERAL INFORMATION:
; APPLICANT: HONDA, Goichi
; APPLICANT: MATSUDA, Akio
; APPLICANT: MURAMATSU, Shuji
; APPLICANT: ISHIZAWA, Kenya
; TITLE OF INVENTION: STAT6 Activating Gene
; FILE REFERENCE: 1254-0207P
; CURRENT APPLICATION NUMBER: US/10/153,668
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/293,172
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/316,031
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/328,403
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: JP 2001-157043
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: JP 2001-260681
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: JP 2001-313175
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 488
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 280
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Clone ID: PAT_MRT3847_55908C.1.pep
US-10-153-668-280

Query Match      81.6%; Score 40; DB 14; Length 301;
Best Local Similarity 66.7%; Pred. No. 17;

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Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 TFHRVIPSF 9
:||||:|

Db 188 SFHRIIPQF 196

RESULT 40

US-10-205-823-333

; Sequence 333, Application US/10205823

; Publication No. US20030108963A1

; GENERAL INFORMATION:

; APPLICANT: Schlegel, Robert

; APPLICANT: Monahan, John E.

; APPLICANT: Endege, Wilson O.

; APPLICANT: Gamavarapu, Manjula

; APPLICANT: Gorbatcheva, Bella

; APPLICANT: Hoersch, Sebastian

; APPLICANT: Kamatkar, Shubhangi

; APPLICANT: Womsey, Angela M.

; APPLICANT: Glatt, Karen

; APPLICANT: Zhao, Xumei

; APPLICANT: Anderson, Dustin

; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND

; TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND

; TITLE OF INVENTION: THERAPY OF PROSTATE CANCER

; FILE REFERENCE: MRI-044

; CURRENT APPLICATION NUMBER: US/10/205,823

; CURRENT FILING DATE: 2002-07-25

; PRIOR APPLICATION NUMBER: 60/307,982

; PRIOR FILING DATE: 2001-07-25

; PRIOR APPLICATION NUMBER: 60/314,356

; PRIOR FILING DATE: 2001-08-22

; PRIOR APPLICATION NUMBER: 60/325,020

; PRIOR FILING DATE: 2001-09-25

; PRIOR APPLICATION NUMBER: 60/341,746

; PRIOR FILING DATE: 2001-12-12

; PRIOR APPLICATION NUMBER: 60/362,158

; PRIOR FILING DATE: 2002-03-05

; NUMBER OF SEQ ID NOS: 455

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 333

; LENGTH: 301

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-205-823-333

Query Match 81.6%; Score 40; DB 14; Length 301;

Best Local Similarity 66.7%; Pred. No. 17;

Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TFHRVIPSF 9
:||||:|

Db 188 SFHRIIPQF 196

Search completed: May 31, 2005, 12:39:28

Job time : 45.2857 secs